CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

TRANSPORTING

B60 VEHICLES IN GENERAL

(NOTE omitted)

B60R VEHICLES, VEHICLE FITTINGS, OR VEHICLE PARTS, NOT OTHERWISE PROVIDED FOR

NOTE

Attention is drawn to the Note following the title of class B60

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/025

1/00	Optical viewing arrangements; Real-time viewing
	arrangements for drivers or passengers using
	optical image capturing systems, e.g. cameras or
	video systems specially adapted for use in or on
	vehicles

NOTE

This group <u>covers</u> optical viewing arrangements using mirrors as well as real-time viewing arrangements using optical image capturing systems, e.g. the special adaptation of cameras or video systems in or on vehicles, for assisting drivers or passengers. In this context, "viewing" refers to a visual assistance of drivers or passengers using mirrors, cameras or the like.

WARNING

B60R 1/08)}

Group <u>B60R 1/00</u> is impacted by reclassification into groups <u>B60R 1/20</u>, <u>B60R 1/22</u>, <u>B60R 1/23</u>, <u>B60R 1/24</u>, <u>B60R 1/25</u>, <u>B60R 1/26</u>, <u>B60R 1/27</u>, <u>B60R 1/28</u>, <u>B60R 1/29</u>, <u>B60R 1/30</u> and <u>B60R 1/31</u>.

All groups listed in this Warning should be considered in order to perform a complete search.

	•
1/001	• {integrated in the windows, e.g. Fresnel lenses}
1/002	• {specially adapted for covering the peripheral part of the vehicle, e.g. for viewing tyres, bumpers or the like (integrated in the windows <u>B60R 1/001</u> ; combined with rear-view mirrors <u>B60R 1/08</u>)}
1/003	• • {for viewing trailer hitches}
1/005	• {specially adapted for viewing traffic-lights}
1/006	• {Side-view mirrors, e.g. V-shaped mirrors located at the front or rear part of the vehicle (combined with rear-view mirrors <u>B60R 1/08</u> ; side-view periscopes <u>B60R 1/10</u>)}
1/007	• • {specially adapted for covering the lateral blind spot not covered by the usual rear-view mirror}
1/008	• {allowing the driver to see passengers, e.g. for busses (combined with rear-view mirrors

1/02	. Rear-view mirror arrangements (periscope
	arrangements B60R 1/10)

 {comprising special mechanical means for correcting the field of view in relation to particular driving conditions, e.g. change of lane; scanning mirrors}

1/04 . . mounted inside vehicle {(B60R 1/025, B60R 1/08 take precedence)}

1/06 . . mounted on vehicle exterior $\{(\underline{B60R\ 1/025}, \underline{B60R\ 1/08} \text{ take precedence})\}$

1/0602 . . . {comprising means for cleaning or deicing}
1/0605 . . {specially adapted for mounting on trucks, e.g. by C-shaped support means}

1/0607 {with remote position control adjustment} 1/061 {by manually actuated mechanical means, e.g. push-pull cables}

1/0612 {by electrically actuated means}
1/0615 . . . {by hydraulically or pneumatically actuated means}

1/0617 {foldable along the vehicle, e.g. in case of external force applied thereon}

1/062 . . . with remote control for adjusting position $\{(\underline{B60R \ 1/0607} \ takes \ precedence)\}$

1/0625 • • • {by hydraulically or pneumatically powered actuators}

1/064 . . . by manually powered actuators

1/066 for adjusting the mirror relative to its housing

1/068 using cables

1/07 by electrically powered actuators
1/072 for adjusting the mirror relative to its

housing

1/074 for retracting the mirror arrangements to a non-use position alongside the vehicle

1/076 . . . yieldable to excessive external force and provided with an indexed use position ($\{\underline{860R}\ 1/0617, \underline{860R}\ 1/074\}$ take precedence)

1/078 • • • easily removable; mounted for bodily outward movement, e.g. when towing

1/08	• involving special optical features, e.g. avoiding blind spots {, e.g. convex mirrors; Side-by-side associations of rear-view and other mirrors (B60R 1/025, B60R 1/10 take precedence)}	1/20	 Real-time viewing arrangements for drivers or passengers using optical image capturing systems, e.g. cameras or video systems specially adapted for use in or on vehicles
1/081	• • {avoiding blind spots, e.g. by using a side-by-		WARNING
	side association of mirrors}		
1/082	• • • { using a single wide field mirror or an association of rigidly connected mirrors }		Groups <u>B60R 1/20</u> – <u>B60R 1/31</u> are incomplete pending reclassification of documents from
1/083	• • • {Anti-glare mirrors, e.g. "day-night" mirrors}		group <u>B60R 1/00</u> .
1/084	• • • • {using a removable filtering or hiding screen (associated with windows or windscreens <u>B60J 3/00</u>)}		All groups listed in this Warning should be considered in order to perform a complete search.
1/085	• • • { using a combination of interchangeable reflecting surfaces, e.g. reversible mirrors}	1/22	• for viewing an area outside the vehicle, e.g. the exterior of the vehicle
1/086	• • • {using a mirror angularly movable between	1/23	with a predetermined field of view
	a position of use and a non-glare position	1/24	in front of the vehicle
	reflecting a dark field to the user, e.g. situated behind a transparent glass used	1/25	to the sides of the vehicle
	as low-reflecting surface; Wedge-shaped	1/26	to the rear of the vehicle
1/087	mirrors } { with remote or automatic control means }	1/27	• • • providing all-round vision, e.g. using omnidirectional cameras
1/087	• • • • { with remote of automatic control means } • • • • { using a cell of electrically changeable	1/28	with an adjustable field of view
1/000	optical characteristic, e.g. liquid-crystal or	1/29	• • for viewing an area inside the vehicle, e.g. for
	electrochromic mirrors}		viewing passengers or cargo
1/089	• • • { using a liquid filtering layer of variable thickness }	1/30	• • providing vision in the non-visible spectrum, e.g. night or infrared vision
1/10	• Front-view mirror arrangements; {(specially	1/31	 providing stereoscopic vision
	adapted for covering the peripheral part of the vehicle <u>B60R 1/002</u>); Periscope arrangements	3/00	Arrangements of steps {or ladders facilitating access to or on the vehicle}, e.g. running-
	{, i.e. optical devices using combinations of		boards ({construction of steps for railway vehicles
	mirrors, lenses, prisms or the like (specially adapted		<u>B61D 23/00</u> }; ladders <u>E06C</u>)
	for covering the peripheral part of the vehicle	3/002	• {Running boards (for vehicle tops <u>B60R 3/005</u> ;
	<u>B60R 1/002</u> ; for viewing traffic-lights <u>B60R 1/005</u>); Other mirror arrangements giving a view from		at the sides of the vehicle for carrying loads
	above or under the vehicle}		<u>B60R 9/02</u>)}
1/105	Optical arrangements giving a view under the vehicle, e.g. using periscopes}	3/005	• {Catwalks, running boards for vehicle tops, access means for vehicle tops; Handrails therefor}
1/12	Mirror assemblies combined with other articles, e.g. clocks	3/007	• {Removable steps or ladders, e.g. foldable (as access means for vehicle tops <u>B60R 3/005</u>)}
1/1207	• • {with lamps; with turn indicators}	3/02	• Retractable steps {or ladders, e.g. movable under
2001/1215	• • {with information displays}	2/04	shock (<u>B60R 3/005</u> takes precedence)}
2001/1223	• • {with sensors or transducers}	3/04	 with provisions for shoe scraping
2001/123	• • {with thermometers}	5/00	Compartments within vehicle body primarily
2001/1238	• • {with vanity mirrors}		intended or sufficiently spacious for trunks,
2001/1246	• • {with clocks}		suit-cases, or the like (primarily intended for
2001/1253	• • {with cameras, video cameras or video screens}		stowing loads in load-transporting vehicles <u>B60P</u> ;
2001/1261	• • {with antennae}	5,000	arrangements for stowing spare wheels <u>B62D 43/00</u>)
2001/1269	• • {with sun visors}	5/003	• {Luggage racks, e.g. for busses (primarily intended
	• • {with radio receivers, loud-speakers or buzzers}		for passengers' property smaller than suitcases
2001/1284	• • {with communication systems other than radio-		<u>B60R 7/04; B60R 7/08;</u> luggage racks for rail vehicles <u>B61D 37/003</u>)}
	receivers, e.g. keyless entry systems, navigation	5/006	• {stowing or holding means for elongated articles,
	systems; with anti-collision systems}	3/000	e.g. skis inside vehicles}
2001/1292	• • {with holding means for personal articles}	5/02	 arranged at front of vehicle {(B60R 5/003 takes)
			precedence)}
		5/04	 arranged at rear of vehicle {(B60R 5/003, B60R 5/006) take precedence; external trunks
		=	arranged at rear of vehicle <u>B60R 9/065</u>)}
		5/041	 { extensible externally of the vehicle body, e.g. to create an open luggage compartment of increased capacity (devices for anchoring the boot lid while carrying oversize objects <u>E05C 17/042</u>)}
		5/042	• • • {to create an enclosed luggage compartment
		·-	of increased capacity, e.g. with ventilation

apertures for transporting dogs}

5/044	(luggeres servering manns of a mercel shelves)	9/06	at vahiala front ar room ((room lyagaga commentments
5/044	• • {luggage covering means, e.g. parcel shelves}	9/00	• at vehicle front or rear {(rear luggage compartments
5/045	• • {collapsible or transformable}		within vehicle extensible externally of the vehicle
5/047	• • • {collapsible by rolling-up}	0/065	body <u>B60R 5/041</u>)}
5/048	• • • {of accordion-type, i.e. collapsible by sliding	9/065	• • {Enclosure-type carriers, e.g. trunks}
	and folding}	9/08	• specially adapted for sports gear (vehicles specially
7/00	Stowing or holding appliances inside vehicle		adapted for carrying aeroplanes, for carrying boats
7700	primarily intended for personal property smaller		<u>B60P</u>)
	than suit-cases, e.g. travelling articles, or maps	9/10	for cycles
	(for radio sets, television sets, telephones or the like,	9/12	• • for skis
	mounting of cameras operative during drive, tools,	11/00	Arrangements for holding or mounting articles,
	or spare parts <u>B60R 11/00</u> ; for receptacles for refuse,	11/00	not otherwise provided for
	food, beverages, cigarettes <u>B60N</u>)	2011/0001	• {characterised by position}
7/005	• {Nets or elastic pockets tensioned against walls or		• {inside the vehicle}
17005	backrests}		
7/02	• in separate luggage compartment {(B60R 7/005		• • • {Dashboard}
7702	takes precedence)}		{Mid-console}
7/04	• in driver or passenger space {, e.g. using racks		• • • {Ventilation grilles}
7704	(B60R 7/005, B60R 7/08 take precedence)	2011/001	• • • {Vehicle control means, e.g. steering-wheel or
7/043	• • {mounted on or under a seat}		column}
7/045	. {mounted on door}		• • • {Seats or parts thereof}
7/040	mounted on sun visor		{Arm-rests}
			• • • • {Back-rests}
7/06	mounted on or below dashboards		• • • • {Head-rests}
7/08	• Disposition of racks, clips {, holders, containers}	2011/0019	• • • {Side or rear panels}
	or the like {for supporting specific articles	2011/0021	• • • • {Doors}
7/001	$(\underline{B60R7/005} \text{ takes precedence})$	2011/0022	{Pillars}
7/081	• • {for supporting maps}	2011/0024	• • • {Rear shelves}
7/082	• • {for supporting spectacles}	2011/0026	• • {Windows, e.g. windscreen}
7/084	• • {for supporting tissues or tissue boxes}		• • {Ceiling, e.g. roof rails}
7/085	• • {for supporting flowers or flower vases}		• • {Floor, e.g. side sills, fire wall}
7/087	• • {for stowing money or valuables, e.g. using		{Seat belts}
	safes}		{Rear-view mirrors}
7/088	• • {for stowing tape cartridges, compact discs, or the		{Sun visors}
	like}		{Luggage compartment}
7/10	 for supporting hats, clothes or clothes hangers 		
7/12	• • for supporting umbrellas		{Engine compartment}
7/14	 for supporting weapons 		• • {outside the vehicle}
9/00	Supplementary fittings on vehicle exterior for		• {characterised by mounting means}
9/00	carrying loads, e.g. luggage, sports gear or the like	2011/0043	• • {for integrated articles, i.e. not substantially
9/02	at the sides, e.g. on running-board	2011/0045	protruding from the surrounding parts}
9/02	 Carriers associated with vehicle roof (B60R 9/08) 		• • { with visible part, e.g. flush mounted }
9/04	takes precedence)		• • • {using hidden fastening means}
9/042	Carriers characterised by means to facilitate		• • {for non integrated articles}
9/042	loading or unloading of the load, e.g. rollers,		• • • {Connection with the vehicle part}
	tracks, or the like		• • • {using screws, bolts, rivets or the like}
9/0423	{for ladders}		• • • {using cigarette lighter}
		2011/0056	• • • {using suction cups}
9/0426	• (for small vehicles, e.g. invalid chairs, perambulators)	2011/0057	• • • • {using magnetic means}
0/045	Carriers being adjustable or transformable, e.g.	2011/0059	• • • {using clips, clamps, straps or the like}
9/045	expansible, collapsible {(transformable into tents	2011/0061	• • • {using key-type connections}
	Expansible, conapsible $\{(transformable into tents B60P 3/36; into beds B60P 3/38)\}$	2011/0063	• • • { using adhesive means, e.g. hook and loop
0/049			fasteners}
9/048	 Carriers characterised by article-gripping {, - covering,}-retaining, or -locking means 	2011/0064	• • {Connection with the article}
0/0495		2011/0066	• • • {using screws, bolts, rivets or the like}
9/0485	• • {for ladders ($\underline{B60R}$ 9/0423 takes precedence)}		• • • {using suction cups}
9/05	. Carriers characterised by wind deflecting means		{using magnetic means}
0/053	(wind deflectors for open roofs <u>B60J 7/22</u>)		{using latches, clips, clamps, straps or the
9/052	Carriers comprising elongate members extending	2011/00/1	like}
	only transversely of vehicle (<u>B60R 9/08</u> takes	2011/0073	{using key-type connections}
0.022	precedence)		{using a containment or docking space}
9/055	• Enclosure-type carriers, e.g. containers, boxes		{using a contamment of docking space} {using adhesive means, e.g. hook and loop
0.10.70	(B60R 9/048 takes precedence)	2011/00//	fasteners}
9/058	characterised by releasable attaching means	2011/0079	• • {Quick-disconnect two-parts mounting means}
	between carrier and roof		
		2011/008	• • {Adjustable or movable supports}

2011/0082			
	• • {collapsible, e.g. for storing after use}	13/0206	• • {Arrangements of fasteners and clips specially
2011/0084	• • • { with adjustment by linear movement in their		adapted for attaching inner vehicle liners or
	operational position}		mouldings (devices for fastening or securing
2011/0085	{with adjustment by rotation in their		<u>F16B</u>)}
	operational position}	13/0212	• • {Roof or head liners (movable head-liners
2011/0087	{around two axes}		B60J 7/0007)}
	• • • {around three axes, i.e. universally mounted}	13/0218	• • { supported by adhesion with the roof panel }
	{the article being mounted on a flexible	13/0225	• • • {self supporting head liners}
2011/0091	shaft}	13/0231	• • {specially adapted for roofs with openings}
2011/0002	,	13/0237	(Side or rear panels)
2011/0092	 {with motorization}. {characterised by means for covering after user, e.g.	13/0243	{Doors}
2011/0094	boxes, shutters or the like	13/0243	{Pillars; Roof rails}
2011/0006			
	• {Theft prevention of articles}	13/0256	• • {Dashboard liners}
2011/0098	• • {using electric or electronic means, e.g. alarms,	13/0262	• • {Mid-console liners}
11/02	codes}	13/0268	• • {Rear parcel liners (used as luggage covering
11/02	• for radio sets, television sets, telephones, or the like;	10/0255	means <u>B60R 5/044</u>)}
11/0205	Arrangement of controls thereof	13/0275	• • {comprising removable or hinged parts (for
11/0205	• • {for radio sets (<u>B60R 11/0211</u> takes precedence)}		accessing storage compartments <u>B60R 7/04</u> ; for
11/0211	• • {for record carriers apparatus, e.g. video	2012/0201	airbag deployment <u>B60R 21/215</u>)}
44/0445	recorders, tape players or CD players}	2013/0281	• • {made of a plurality of visible parts}
11/0217	• • {for loud-speakers}	2013/0287	• • {integrating other functions or accessories}
11/0223	• • { of flat type }	2013/0293	• • {Connection or positioning of adjacent panels}
11/0229	• • {for displays, e.g. cathodic tubes}	13/04	• {External} Ornamental or guard strips; Ornamental
11/0235	• • { of flat type, e.g. LCD}		inscriptive devices {thereon (fastening strips or bars
11/0241	• • {for telephones}		to sheets or plates by means of clips $F16B 5/12$)
11/0247	• • {for microphones or earphones}	13/043	• • {Door edge guards}
11/0252	• • {for personal computers, e.g. laptops, notebooks}	2013/046	• • {Foot boards}
11/0258	• • {for navigation systems}	13/06	 Sealing strips (sealing arrangements for vehicle
11/0264	• • {for control means}		windows, windscreens, non-fixed roofs, doors, or
2011/027	{for Din-sized apparatus}		similar devices <u>B60J 10/00</u>)
2011/0276	• • {for rear passenger use}	13/07	 Water drainage or guide means not integral
2011/0282	{for the use of several passengers, e.g.		with roof structure ($860R 13/06$, { $860J 10/25$ }
	simultaneously}		take precedence; {integral with roof structure
2011/0288	{Apparatus made of several modules		B62D 25/07; drainage openings having movable or
	independently mounted}	10/00	removable closures <u>B62D 25/24</u> })
2011/0294	{Apparatus with multi-functionalities, e.g. radio	13/08	• Insulating elements, e.g. for sound insulation
	and telephone}		{(sound insulating linings for trains <u>B61D 17/185;</u>
11/04	 Mounting of cameras operative during drive; 		drivers' cabs for load-carrying vehicles insulated
	Arrangement of controls thereof relative to the		against vibrations or noise <u>B62D 33/0604</u> ; thermal or acoustic insulation of engines <u>F02B 77/11</u> ;
	vehicle		
11/06	 for tools or spare parts (for vehicle roof parts 		
11/00	• 101 tools of spare parts (for venicle roof parts		damping of sounds using compensation by electro-
11/00	B60J 7/20; for spare wheels B62D)	2013/0807	damping of sounds using compensation by electro- acoustic methods <u>G10K 11/178</u>)}
	B60J 7/20; for spare wheels B62D)	2013/0807	damping of sounds using compensation by electro- acoustic methods <u>G10K 11/178</u>)} {Arrangements of fasteners or clips specially
13/00	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or		 damping of sounds using compensation by electroacoustic methods <u>G10K 11/178</u>)} • {Arrangements of fasteners or clips specially adapted therefore}
	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for	2013/0807	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} • {Arrangements of fasteners or clips specially adapted therefore} • {Acoustic or thermal insulation of passenger
13/00	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes		 damping of sounds using compensation by electroacoustic methods G10K 11/178)} • {Arrangements of fasteners or clips specially adapted therefore} • {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the
	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet}		 damping of sounds using compensation by electroacoustic methods G10K 11/178)} • {Arrangements of fasteners or clips specially adapted therefore} • {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor
13/00	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means	13/0815	 damping of sounds using compensation by electroacoustic methods <u>G10K 11/178</u>)} • {Arrangements of fasteners or clips specially adapted therefore} • {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function <u>B60R 13/02</u>; insulating floor mats or carpets <u>B60N 3/04</u>)}
13/00 13/005	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor}		 damping of sounds using compensation by electroacoustic methods G10K 11/178)} • {Arrangements of fasteners or clips specially adapted therefore} • {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} • • {Insulating partitions, e.g. between front and
13/00 13/005 13/01	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments	13/0815 13/0823	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} • {Arrangements of fasteners or clips specially adapted therefore} • {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} • {Insulating partitions, e.g. between front and rear seats}
13/00 13/005 13/01 13/011	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • • {for internal load compartments, e.g. car trunks}	13/0815 13/0823 13/083	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} • {Arrangements of fasteners or clips specially adapted therefore} • {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} • • {Insulating partitions, e.g. between front and rear seats} • • {for fire walls or floors}
13/00 13/005 13/01	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for	13/0815 13/0823 13/083 13/0838	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} • {Arrangements of fasteners or clips specially adapted therefore} • {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} • • {Insulating partitions, e.g. between front and rear seats} • • {for fire walls or floors} • • {for engine compartments}
13/00 13/005 13/01 13/011 13/013	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments}	13/0815 13/0823 13/083	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between
13/00 13/005 13/01 13/011 13/013 2013/015	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {made of a plurality of visible parts}	13/0815 13/0823 13/083 13/0838 13/0846	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between engine and passenger compartments}
13/00 13/005 13/01 13/011 13/013 2013/015 2013/016	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {made of a plurality of visible parts} • • {integrating other functions or accessories}	13/0815 13/0823 13/083 13/0838	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between engine and passenger compartments} {specially adapted for movable parts, e.g. gears
13/00 13/005 13/01 13/011 13/013 2013/015 2013/016 2013/018	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {made of a plurality of visible parts} • • {integrating other functions or accessories} • • {Connection or positioning of adjacent panels}	13/0815 13/0823 13/083 13/0838 13/0846 13/0853	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} • {Arrangements of fasteners or clips specially adapted therefore} • {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} • • {Insulating partitions, e.g. between front and rear seats} • • {for fire walls or floors} • {for engine compartments} • {for duct, cable or rod passages, e.g. between engine and passenger compartments} • { specially adapted for movable parts, e.g. gears levers, pedals}
13/00 13/005 13/01 13/011 13/013 2013/015 2013/016	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {made of a plurality of visible parts} • • {integrating other functions or accessories} • • {Connection or positioning of adjacent panels} • {Internal} Trim mouldings {; Internal} Ledges;	13/0815 13/0823 13/083 13/0838 13/0846	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between engine and passenger compartments} {specially adapted for movable parts, e.g. gears levers, pedals} {for covering undersurfaces of vehicles, e.g.
13/00 13/005 13/01 13/011 13/013 2013/015 2013/016 2013/018	B60J 7/20; for spare wheels B62D) Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {made of a plurality of visible parts} • • {integrating other functions or accessories} • • {Connection or positioning of adjacent panels} • {Internal} Trim mouldings {; Internal} Ledges; Wall liners {for passenger compartments}; Roof	13/0815 13/0823 13/083 13/0838 13/0846 13/0853 13/0861	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between engine and passenger compartments} {specially adapted for movable parts, e.g. gears levers, pedals} {for covering undersurfaces of vehicles, e.g. wheel houses}
13/00 13/005 13/01 13/011 13/013 2013/015 2013/016 2013/018	Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {made of a plurality of visible parts} • • {integrating other functions or accessories} • • {Connection or positioning of adjacent panels} • {Internal} Trim mouldings {; Internal} Ledges; Wall liners {for passenger compartments}; Roof liners (B60R 13/01 takes precedence {; padded}	13/0815 13/0823 13/083 13/0838 13/0846 13/0853	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between engine and passenger compartments} {specially adapted for movable parts, e.g. gears levers, pedals} {for covering undersurfaces of vehicles, e.g. wheel houses} {for protecting heat sensitive parts, e.g. electronic
13/00 13/005 13/01 13/011 13/013 2013/015 2013/016 2013/018	Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {integrating other functions or accessories} • • {Connection or positioning of adjacent panels} • {Internal} Trim mouldings {; Internal} Ledges; Wall liners {for passenger compartments}; Roof liners (B60R 13/01 takes precedence {; padded linings for the vehicle interior B60R 21/04;	13/0815 13/0823 13/083 13/0838 13/0846 13/0853 13/0861 13/0869	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between engine and passenger compartments} {specially adapted for movable parts, e.g. gears levers, pedals} {for covering undersurfaces of vehicles, e.g. wheel houses} {for protecting heat sensitive parts, e.g. electronic components}
13/00 13/005 13/01 13/011 13/013 2013/015 2013/016 2013/018	Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {made of a plurality of visible parts} • • {Connection or positioning of adjacent panels} • {Internal} Trim mouldings {; Internal} Ledges; Wall liners {for passenger compartments}; Roof liners (B60R 13/01 takes precedence {; padded linings for the vehicle interior B60R 21/04; arrangements or adaptations of floor mats or carpets	13/0815 13/0823 13/083 13/0838 13/0846 13/0853 13/0861	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between engine and passenger compartments} {specially adapted for movable parts, e.g. gears levers, pedals} {for covering undersurfaces of vehicles, e.g. wheel houses} {for protecting heat sensitive parts, e.g. electronic components} {for mounting around heat sources, e.g. exhaust
13/00 13/005 13/01 13/011 13/013 2013/015 2013/016 2013/018	Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {made of a plurality of visible parts} • • {connection or positioning of adjacent panels} • {Internal} Trim mouldings {; Internal} Ledges; Wall liners {for passenger compartments}; Roof liners (B60R 13/01 takes precedence {; padded linings for the vehicle interior B60R 21/04; arrangements or adaptations of floor mats or carpets in vehicles B60N 3/04; internal lining for trains	13/0815 13/0823 13/083 13/0838 13/0846 13/0853 13/0861 13/0869 13/0876	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between engine and passenger compartments} {specially adapted for movable parts, e.g. gears levers, pedals} {for covering undersurfaces of vehicles, e.g. wheel houses} {for protecting heat sensitive parts, e.g. electronic components} {for mounting around heat sources, e.g. exhaust pipes}
13/00 13/005 13/01 13/011 13/013 2013/015 2013/016 2013/018	Elements for body-finishing, identifying, or decorating; Arrangements or adaptations for advertising purposes • {Manufacturers' emblems, name plates, bonnet ornaments, mascots or the like; Mounting means therefor} • Liners for load platforms or load compartments • {for internal load compartments, e.g. car trunks} • • {comprising removable or hinged parts, e.g. for accessing storage compartments} • • {made of a plurality of visible parts} • • {Connection or positioning of adjacent panels} • {Internal} Trim mouldings {; Internal} Ledges; Wall liners {for passenger compartments}; Roof liners (B60R 13/01 takes precedence {; padded linings for the vehicle interior B60R 21/04; arrangements or adaptations of floor mats or carpets	13/0815 13/0823 13/083 13/0838 13/0846 13/0853 13/0861 13/0869	 damping of sounds using compensation by electroacoustic methods G10K 11/178)} Arrangements of fasteners or clips specially adapted therefore} {Acoustic or thermal insulation of passenger compartments (wall or roof liners integrating the insulating function B60R 13/02; insulating floor mats or carpets B60N 3/04)} {Insulating partitions, e.g. between front and rear seats} {for fire walls or floors} {for engine compartments} {for duct, cable or rod passages, e.g. between engine and passenger compartments} {specially adapted for movable parts, e.g. gears levers, pedals} {for covering undersurfaces of vehicles, e.g. wheel houses} {for protecting heat sensitive parts, e.g. electronic components} {for mounting around heat sources, e.g. exhaust

13/0892	• • {for humidity insulation (sealing strips	16/0315	• • • {using multiplexing techniques (multiplexing
13/10	B60R 13/06)} Registration, licensing, or like devices		for transmission of signals <u>G08C 15/00</u> ; multiplexing for electrical communication in
13/105	. (Licence- or registration plates, provided with		general H04J)}
	mounting means, e.g. frames, holders, retainers, brackets}	2016/0322	• • • {Temporary code for documents to be reclassified to G08C, H04L or H04Q}
4 = 100	,	16/033	characterised by the use of electrical cells or
15/00	Arrangements or adaptations of sanitation devices		batteries (for propulsion puposes <u>B60K 1/04</u> ;
15/02	• Washing facilities {(in railway vehicles <u>B61D 35/002</u>)}		supplying batteries to, or removing batteries from, vehicles <u>B60S 5/06</u> ; testing of charge
15/04	• Toilet facilities {(in railway vehicles		state <u>G01R 31/36</u>)
	<u>B61D 35/005</u>)}	16/037	• • for occupant comfort {, e.g. for automatic
16/00	Electric or fluid circuits specially adapted		adjustment of appliances according to personal settings, e.g. seats, mirrors, steering wheel}
	for vehicles and not otherwise provided for;	16/0373	• • • {Voice control (in general G10L)}
	Arrangement of elements of electric or fluid circuits specially adapted for vehicles and not	16/04	Arrangement of batteries
	otherwise provided for {(devices for protecting	16/06	for removing electrostatic charges (carrying-off)
	vehicle occupants in case of accidents <u>B60R 21/00</u> ;		electrostatic charges in general <u>H05F 3/00</u>)
	safety belts <u>B60R 22/00</u> ; central door locking <u>E05B 49/00</u> , <u>E05B 77/50</u>)}	16/08	. fluid
16/005	• {Electro-mechanical devices, e.g. switched (electric	17/00	Arrangements or adaptations of lubricating
10/002	switches in general <u>H01H</u>)}		systems or devices (lubricating in general <u>F16N</u>)
16/02	• electric {constitutive elements}	17/02	• Systems, e.g. central lubrication systems
16/0207	• • {Wire harnesses}	19/00	Wheel guards; Radiator guards, {e.g. grilles};
16/0215	{Protecting, fastening and routing means		Obstruction removers; Fittings damping bouncing
	therefor}		force in collisions ({reinforcement elements for side
16/0222	• • • {Grommets}		doors <u>B60J 5/0412;</u> } mudguards <u>B62D</u>)
16/023	• • for transmission of signals between vehicle parts	2019/002	• {Wheel guards}
	or subsystems	2019/005	• {Crash attenuators, i.e. means added to highway
16/0231	• • • {Circuits relating to the driving or the	2010/007	service vehicles for softening high speed impacts}
	functioning of the vehicle (monitoring tyres	2019/007	• {Means for adjusting or regulating the crash absorption capacity of the vehicle, e.g. when
	<u>B60C 23/00</u> ; indicating overspeed <u>B60K 31/00</u> ; for dash boards <u>B60K 37/00</u> , <u>B60Q 3/10</u> ; for		detecting an impending collision}
	indicating emergencies <u>B60Q 1/52</u> ; brake	19/02	Bumpers, i.e. impact receiving or absorbing
	control systems <u>B60T</u> ; registering or indicating	17/02	members for protecting vehicles or fending off
	the working of vehicles <u>G07C 5/00</u> ; measuring		blows from other vehicles or objects ({B60R 19/56
	distance <u>G01C</u> , e.g. combinations of speed and		takes precedence; initiating brake action by contact
	distance <u>G01C 23/00</u> ; engine indicators <u>G01L</u> ;		of bumper with an external object <u>B60T 7/22</u> ;
1.6/0022	measuring speed or acceleration <u>G01P</u>)}		for rail vehicles <u>B61F 19/04</u> ; safety equipment
16/0232	{for measuring vehicle parameters and indicating critical, abnormal or dangerous		for cycles <u>B62J 27/00</u> ;} integral with waterborne vessels or specially adapted therefor <u>B63B 59/02</u>)
	conditions}	19/023	• • {Details}
16/0233	• • • • {Vehicle tilting, overturning or roll over}	2019/026	• • {Buffers, i.e. bumpers of limited extent}
16/0234	• • • • {related to maintenance or repairing of	19/03	characterised by material, e.g. composite
	vehicles}	17/03	(B60R 19/18 takes precedence)
16/0235	{for lighting devices combined with starting	19/04	• • formed from more than one section {in a side-by-
	or ignition devices for road vehicles}		side arrangement}
16/0236	• • • { for economical driving }	19/12	vertically spaced
16/0237	• • • {circuits concerning the atmospheric	19/14	having folding parts
	environment (meteorology <u>G01W</u>)}	19/16	• • • having deflecting members, e.g. rollers, balls
16/0238	• • {Electrical distribution centers}	19/18	• • {characterised by the cross-section;} Means
16/0239	• • {Electronic boxes}		within the bumper to absorb impact
16/027	• • between relatively movable parts of the	2019/1806	{Structural beams therefor, e.g. shock-
	vehicle, e.g. between steering wheel and column {(devices for measuring, signalling		absorbing (bumper beams made of cellular
	or controlling tyre pressure or temperature	2010/1912	materials <u>B60R 19/22</u>)} {made of metal}
	specially adapted for mounting on vehicles	2019/1813	• • • {made of metal} • • • • {of light metal, e.g. extruded}
	B60C 23/00)}		{of high-tension steel}
16/03	• • for supply of electrical power to vehicle		• • • {of high-tension sect} • • • • {made of plastic material}
	subsystems {or for (circuit arrangements for	2019/1833	{Blow moulded}
	charging batteries <u>H02J 7/00</u>)}		{comprising a cellular structure}
16/0307	• • • { using generators driven by a machine different		{of reinforced plastic material}
	from the vehicle motor}		_ · · · · · · · · · · · · · · · · · · ·

2019/186	• • • {Additional energy absorbing means supported on bumber beams, e.g. cellular structures or material}	19/48	• • combined with, or convertible into, other devices or objects, e.g. bumpers combined with road brushes, bumpers convertible into beds
2019/1866		19/483	• • • { with obstacle sensors of electric or electronic
		17/403	
2019/1873	{Cellular materials}	2010/406	type}
2019/188	{Blow molded structures}	2019/486	• • • {with air passages, e.g. for cooling}
2019/1886	• • • {Bumper fascias and fastening means therefor	19/50	with lights or registration plates
	(on fenders <u>B60R 2019/247</u>)}	2019/505	• • • • {with lights}
	• • • {comprising a multiplicity of identical adjacent shock-absorbing means}	19/52	• Radiator or grille guards $\{$; Radiator grilles (cooling aspects $\underline{B60K\ 11/08}$) $\}$
19/20	• • containing {mainly} gas or liquid, e.g.	2019/522	{Bull bars}
	inflatable (connection of valves to inflatable	2019/525	• • {Radiator grilles}
	elastic bodies <u>B60C 29/00</u>)	2019/527	• • • {integral with bumpers}
19/205	• • • { inflatable in the direction of an obstacle upon impending impact, e.g. using air bags}	19/54	• Obstruction removers or deflectors (<u>B60R 19/16</u> , <u>B60R 21/34</u> take precedence)
19/22	• • containing {mainly} cellular material, e.g. solid	19/545	• • {Devices for cutting wire-type obstructions}
	foam	19/56	• {Fittings damping bouncing force in truck
19/24	Arrangements for mounting bumpers on vehicles	17/30	collisions, e.g. bumpers;} Arrangements on high-
2019/242	• • • {on two vertical sleeves, e.g. on energy		riding vehicles, e.g. lorries, for preventing vehicles
2017/242	absorber ends}		or objects from running thereunder
2010/245	• • • { with adjusting means to compensate	10/565	
2019/245		19/565	• • {on vehicle sides}
	manufacturing tolerances, e.g. between bumper	21/00	Arrangements or fittings on vehicles for protecting
	and energy absorbers}	21/00	or preventing injuries to occupants or pedestrians
2019/247	• {Fastening of bumpers' side ends}		in case of accidents or other traffic risks (safety
19/26	 comprising yieldable mounting means 		belts or body harnesses in vehicles <u>B60R 22/00</u> ;
	({B60R 19/38 takes precedence;} springs,		
	shock absorbers, or means for damping		devices, apparatus or methods for life-saving in
	vibrations <u>per se</u> <u>F16F</u>)		general A62B; safety devices for propulsion unit
2019/262	• • • { with means to adjust or regulate the amount		control specially adapted for, or arranged in, vehicles
	of energy to be absorbed}		B60K 28/00; seats constructed to protect the occupant
2019/264	{using cellular structures}		from the effect of abnormal g-forces, e.g. crash
2019/266	• • • {using friction sufaces}		or safety seats, <u>B60N 2/42</u> ; energy-absorbing
			arrangements for hand wheels for steering vehicles
2019/268	• {with rebound preventing means, e.g.		B62D 1/11; energy-absorbing arrangements for
10/20	ratchets}		vehicle steering columns <u>B62D 1/19</u> ; harnessing in
19/28	Metallic springs		aircraft <u>B64D 25/00</u>)
19/285	• • • • {comprising only leaf springs, e.g. the	2021/0002	• {Type of accident}
	mounting means forming part of the guard	2021/0004	• • {Frontal collision}
	itself}	2021/0006	{Lateral collision}
19/30	Elastomeric material {(<u>B60R 19/34</u> takes	2021/0009	• • {Oblique collision}
	precedence)}		Rear collision or recoiling bounce after frontal
19/32	• • • Fluid shock absorbers {, e.g. with coaxial	2021/0011	collision}
	coil springs}	2021/0012	•
19/34	destroyed upon impact, e.g. one-shot type	2021/0013	{Free fall}
19/36	Combinations of yieldable mounting means	2021/0016	{Fall in water}
15700	of different types {(fluid shock absorbers	2021/0018	{Roll-over}
	with coaxial coil springs <u>B60R 19/32</u>)}	2021/002	• • {Underrun collision}
19/38	• • • adjustably or movably mounted, e.g.	2021/0023	• • {Offset collision}
17/30	horizontally displaceable for securing a space	2021/0025	• • {Pole collision}
	between parked vehicles {(adjustably mounted	2021/0027	• {Post collision measures, e.g. notifying emergency
			services}
	for compensating manufacturing tolerances	2021/003	,
10/40	<u>B60R 19/24, B60R 19/26</u>)}	2021/003	• {characterised by occupant or pedestian}
19/40	B60R 19/24, B60R 19/26)} in the direction of an obstacle before a	2021/0032	 {characterised by occupant or pedestian} . {Position of passenger}
19/40	 B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the 	2021/0032 2021/0034	 {characterised by occupant or pedestian} {Position of passenger} . {lying down}
19/40	B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption	2021/0032 2021/0034 2021/0037	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing}
19/40	B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers	2021/0032 2021/0034	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian
	B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)}	2021/0032 2021/0034 2021/0037 2021/0039	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian affected by the accident}
19/40 19/42	B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)} . extending primarily along the sides of, or	2021/0032 2021/0034 2021/0037	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian
	B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)} . extending primarily along the sides of, or completely encircling, a vehicle (ornamental or	2021/0032 2021/0034 2021/0037 2021/0039	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian affected by the accident}
19/42	 B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)} extending primarily along the sides of, or completely encircling, a vehicle (ornamental or guard strips B60R 13/04) 	2021/0032 2021/0034 2021/0037 2021/0039	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian affected by the accident} {Arms}
	 B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)} extending primarily along the sides of, or completely encircling, a vehicle (ornamental or guard strips B60R 13/04) Bumper guards 	2021/0032 2021/0034 2021/0037 2021/0039 2021/0041 2021/0044 2021/0046	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian affected by the accident} {Arms} {Chest} {Feet}
19/42	 B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)} extending primarily along the sides of, or completely encircling, a vehicle (ornamental or guard strips B60R 13/04) 	2021/0032 2021/0034 2021/0037 2021/0039 2021/0041 2021/0044 2021/0046 2021/0048	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian affected by the accident} {Arms} {Chest} {Feet} {Head}
19/42 19/44	 B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)} extending primarily along the sides of, or completely encircling, a vehicle (ornamental or guard strips B60R 13/04) Bumper guards 	2021/0032 2021/0034 2021/0037 2021/0039 2021/0041 2021/0044 2021/0048 2021/0051	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian affected by the accident} {Arms} {Chest} {Feet} {Head} {Knees}
19/42 19/44 19/445	B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)} . extending primarily along the sides of, or completely encircling, a vehicle (ornamental or guard strips B60R 13/04) . Bumper guards {Guard strips}	2021/0032 2021/0034 2021/0037 2021/0039 2021/0041 2021/0044 2021/0048 2021/0051 2021/0053	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian affected by the accident} {Arms} {Chest} {Feet} {Head} {Legs}
19/42 19/44 19/445	B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)} . extending primarily along the sides of, or completely encircling, a vehicle (ornamental or guard strips B60R 13/04) . Bumper guards {Guard strips}	2021/0032 2021/0034 2021/0037 2021/0039 2021/0041 2021/0044 2021/0046 2021/0048 2021/0053 2021/0055	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian affected by the accident} {Arms} {Chest} {Feet} {Head} {Knees} {Legs} {Pelvis}
19/42 19/44 19/445	B60R 19/24, B60R 19/26)} in the direction of an obstacle before a collision {, or extending during driving of the vehicle, i.e. to increase the energy absorption capacity of the bumper (inflatable bumpers B60R 19/20)} . extending primarily along the sides of, or completely encircling, a vehicle (ornamental or guard strips B60R 13/04) . Bumper guards {Guard strips}	2021/0032 2021/0034 2021/0037 2021/0039 2021/0041 2021/0044 2021/0048 2021/0051 2021/0053	 {characterised by occupant or pedestian} {Position of passenger} {lying down} {standing} {Body parts of the occupant or pedestrian affected by the accident} {Arms} {Chest} {Feet} {Head} {Legs}

2021/006 • • {Type of passenger}	2021/01211 {Expansion of air bags}
2021/0062 • • • {woman, e.g. pregnant}	2021/01218 {control of expansion speed}
2021/0065 • {Type of vehicles}	2021/01225 {control of expansion volume}
2021/0067 {Buses}	2021/01231 {control of expansion timing or sequence}
2021/0069 • • {Trailers, e.g. caravans}	2021/01238 {control of expansion shape}
2021/0072 {Convertible cars}	2021/01245 { selection of seat for bag expansion}
2021/0074 • • {Utility vehicles}	2021/01252 • • • {Devices other than bags}
2021/0076 • • • {Agricultural vehicles, e.g. tractors}	2021/01259 {Brakes}
2021/0079 • • • {Fork-lift trucks}	2021/01265 {Seat belts}
2021/0081 • • • {Working vehicles}	2021/01272 {Belt tensioners}
2021/0083 {Pick-up trucks; Light trucks; Sport utility	2021/01279 {Load limiters}
vehicles}	2021/01286 {Electronic control units}
2021/0086 {Racing cars}	2021/01293 {programmable for use in different vehicles or
2021/0088 • • {Cycles, e.g. motorcycles}	with different airbags configurations}
2021/009 • • {Railway vehicles}	21/013 • including means for detecting collisions,
2021/0093 • • {Aircraft}	impending collisions or roll-over
2021/0095 • • {Boats}	2021/01302 • • • {monitoring vehicle body vibrations or noise}
2021/0097 • • {Amusement vehicles}	2021/01304 • • • {monitoring rough road condition}
21/01 • Electrical circuits for triggering {passive} safety	2021/01306 • • • {monitoring vehicle inclination}
arrangements, {e.g. airbags, safety belt tighteners,}	2021/01308 • • • {monitoring distance between vehicle body and
in case of vehicle accidents or impending vehicle	road}
accidents {(electrical circuits for transmission of	2021/01311 • • • {monitoring the braking system, e.g. ABS}
signals between steering wheel and the vehicle itself	2021/01313 • • • {monitoring the vehicle steering system or the
B60R 16/027; for electrically actuating belt retractor	dynamic control system}
locking means <u>B60R 22/343</u>)}	2021/01315 {monitoring occupant displacement}
2021/01006 {Mounting of electrical components in vehicles}	2021/01317 • • • {monitoring seat belt tensiont}
2021/01013 • • {Means for detecting collision, impending	21/0132 responsive to vehicle motion parameters {,
collision or roll-over} 2021/0102 • • • {the monitored value being used for calculating	e.g. to vehicle longitudinal or transversal
occupant displacement}	deceleration or speed value}
2021/01027 {Safing sensors}	2021/01322 {comprising variable thresholds, e.g.
2021/01034 • • {Saming sensors} 2021/01034 • • {Controlling a plurality of restraint devices}	depending from other collision parameters}
2021/01034 • • {Communication circuits for data transmission}	2021/01325 {Vertical acceleration}
2021/01047 {Architecture}	2021/01327 {Angular velocity or angular acceleration}
2021/01054 {Bus}	21/0133 • • • {by integrating the amplitude of the input signal}
2021/01061 {between the airbag system and other	21/01332 • • • {by frequency or waveform analysis}
vehicle electronic systems}	21/01334 {using Fourier analysis}
2021/01068 {between different sensors and airbag	21/01336 {using flourier analysis}
control unit}	21/01338 {using intering } 21/01338 {using vector analysis}
2021/01075 {between the airbag control unit and	21/0134 responsive to imminent contact with an
pyrotechnic fuses or equivalent actuators}	obstacle {, e.g. using radar systems}
2021/01081 {Transmission medium}	2021/01345 {using mechanical sensing means}
2021/01088 { wireless }	21/0136 responsive to actual contact with an obstacle
2021/01095 {optical}	{, e.g. to vehicle deformation, bumper
2021/01102 • • • {Transmission method}	displacement or bumper velocity relative
2021/01109 {power and data signal using transmission	to the vehicle (monitoring crash strength in
medium}	combination with passenger seat detection
2021/01115 • • • • { specific data frames }	<u>B60R 21/01558</u>)}
2021/01122 • • {Prevention of malfunction}	21/015 including means for detecting the presence or
2021/01129 • • • {Problems or faults}	position of passengers, passenger seats or child
2021/01136 {Cut lines}	seats {, and the related safety parameters therefor,
2021/01143 • • • • {Short circuits}	e.g. speed or timing of airbag inflation in relation
2021/0115 {Current leakage}	to occupant position or seat belt use}
2021/01156 {Current or voltage overload}	21/01504 {detecting bag displacement}
2021/01163 {Insufficient current or voltage}	21/01508 {detecting forces or pressure in bags or
2021/0117 {Noise}	modules}
2021/01177 (Misdeployment, e.g. during assembly,	21/01512 {Passenger detection systems}
disassembly, accident salvage or recycling}	21/01516 {using force or pressure sensing means}
2021/01184 {Fault detection or diagnostic circuits (in power	21/0152 { using strain gauges}
circuits <u>B60R 2021/01129</u>)}	21/01522 { using fluid means }
2021/0119 • • • • {Plausibility check}	21/01524 {using electric switches}
2021/01197 {Warning devices}	21/01526 { using piezoelectric elements}
2021/01204 • • {Actuation parameters of safety arrangents}	21/01528 {mounted on the bag}

21/0153	• • • {using field detection presence sensors}	2021/0407	(using gas or liquid as anargy absorbing
	, ,	2021/0407	 {using gas or liquid as energy absorbing means}
	 {using electric or capacitive field sensors} {using electromagnetic waves, e.g.	2021/0414	{using energy absorbing ribs}
21/01534			
21/01526	infrared}	2021/0421 21/0428	 {using noneycomo structures} {associated with the side doors or panels, e.g.
	{using ultrasonic waves}	21/0428	displaced towards the occupants in case of a
21/01538	• • • • (for image processing, e.g. cameras or		side collision}
21/0154	sensor arrays}	2021/0425	
21/0154	• • • • {in combination with seat heating}	2021/0435	• • • {associated with the side or roof pillars}
	{detecting passenger motion}	2021/0442	• • • {associated with the roof panel}
21/01544	• • • {detecting seat belt parameters, e.g. length,	21/045	associated with the instrument panel or
	tension or height-adjustment}	21/05	dashboard
	• • • • {using belt buckle sensors}	21/05	• • associated with the steering wheel, {steering}
21/01548	• • • • {sensing the amount of belt winded on		hand lever or {steering} column (yieldable
	retractor}	21/055	steering columns <u>B62D 1/18</u>)
21/0155	• • • • {sensing belt tension}	21/055	• Padded {or energy-absorbing} fittings {, e.g. seat belt anchors (sun visors B60J 3/00; head rests
21/01552	{detecting position of specific human body		B60N 2/80)}
	parts, e.g. face, eyes or hands}	21/06	Safety nets, transparent sheets, curtains, or
	• • • {Seat position sensors}	21/00	the like, e.g. between occupants and glass
	• • • {Child-seat detection systems}		({B60R 21/026}, B60R 21/11, B60R 21/12,
21/01558	• • {monitoring crash strength}		<u>B60R 21/16</u> take precedence)
21/0156	• • • {by deceleration}	2021/065	• • • {comprising energy absorbing mounting
21/01562	• • • {by speed}	2021/003	means }
21/01564	• • {Manually or key-actuated inhibition switches}	21/08	{automatically} movable from an inoperative
21/01566	• • • {Devices for warning or indicating mode of	21/00	to an operative position, e.g. in a collision
	inhibition}		(electrical circuits for triggering safety
21/017	including arrangements for providing electric		arrangements B60R 21/01)
	power to safety arrangements {or their actuating	21/09	Control elements or operating handles movable
	means, e.g. to pyrotechnic fuses or electro-	21,09	from an operative to an out-of-the way position,
	mechanic valves}		e.g. {pedals,} switch knobs, window cranks
21/0173	• • {Diagnostic or recording means therefor}		{(specially adapted for brake pedals, e.g. by
21/0176	• • • { for firing circuits using only mechanical		venting of master cylinder or destruction of force
	switches as collision detecting means, in		transmitting rod, $\underline{B60T7/065}$)
	series with pyrotechnic fuses}	21/11	Overhead guards, e.g. against loads falling
21/02	• Occupant safety arrangements or fittings {, e.g.		down {(specially adapted for fork-lift trucks
	crash pads (seat belts with crash pads <u>B60R 22/14;</u>		<u>B66F 9/07545</u>)}
	removable children's seats having a front guard or	21/12	which protect the occupants against personal
	1 1 7 4037 6 (60.60)		
	barrier <u>B60N 2/2839</u>)}		attack from the inside or the outside of the vehicle
2021/0206	• • {Self-supporting restraint systems, e.g. restraining	21/13	attack from the inside or the outside of the vehicle • Roll-over protection (electrical circuits for
	• • {Self-supporting restraint systems, e.g. restraining arms, plates or the like}	21/13	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements <u>B60R 21/01</u>)
2021/0213	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor}	21/13 21/131	attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of
2021/0213 2021/022	 • {Self-supporting restraint systems, e.g. restraining arms, plates or the like} • • {mounted on floor} • • {mounted on seats} 		 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) {Protective devices for drivers in case of overturning of tractors (means for preventing
2021/0213 2021/022 2021/0226	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} 		 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) {Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08)}
2021/0213 2021/022 2021/0226 2021/0233	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} 	21/131 2021/132	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) {Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08)} {Roll bars for convertible vehicles}
2021/0213 2021/022 2021/0226 2021/0233 2021/024	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} 	21/131	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles {movable from a retracted to a protection
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} 	21/131 2021/132 2021/134	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles {movable from a retracted to a protection position}
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} 	21/131 2021/132 2021/134 2021/135	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) automatically during an accident
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between 	21/131 2021/132 2021/134	attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles Roll bars for convertible vehicles are fmovable from a retracted to a protection position set automatically during an accident Reinforcement cages for closed vehicle
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 	21/131 2021/132 2021/134 2021/135 2021/137	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) {Reinforcement cages for closed vehicle bodies}
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0245 2021/0253 21/026	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138	attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles Roundle from a retracted to a protection position Reinforcement cages for closed vehicle bodies steps of the vehicles over the protection and the protection position of the protection position of the protection position of the protection of the protect
2021/0213 2021/0222 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} 	21/131 2021/132 2021/134 2021/135 2021/137	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) (Reinforcement cages for closed vehicle bodies) (using external airbags) Inflatable occupant restraints or confinements
2021/0213 2021/0222 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) (Reinforcement cages for closed vehicle bodies) (using external airbags) Inflatable occupant restraints or confinements designed to inflate upon impact or impending
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026 2021/0266 2021/0273	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) {Reinforcement cages for closed vehicle bodies} {using external airbags} Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with
2021/0213 2021/0222 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) (Reinforcement cages for closed vehicle bodies) (using external airbags) Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026 2021/0266 2021/0273 2021/028	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of vehicles} 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles {movable from a retracted to a protection position} {automatically during an accident} {Reinforcement cages for closed vehicle bodies} {using external airbags} Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026 2021/0266 2021/0273	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of vehicles} {Padded or energy absorbing driving control 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138 21/16	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) (Reinforcement cages for closed vehicle bodies) (using external airbags) Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable elastic bodies B60C 29/00)
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026 2021/0266 2021/0273 2021/028	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of vehicles} {Padded or energy absorbing driving control initiating means, e.g. gear lever, pedals 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) {Reinforcement cages for closed vehicle bodies} {using external airbags} Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable elastic bodies B60C 29/00) (characterised by additional means for
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026 2021/0266 2021/0273 2021/028	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of vehicles} {Padded or energy absorbing driving control initiating means, e.g. gear lever, pedals (B60R 21/09 takes precedence; padded linings for 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138 21/16	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) {Reinforcement cages for closed vehicle bodies} Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable elastic bodies B60C 29/00) {characterised by additional means for controlling deployment trajectory}
2021/0213 2021/0222 2021/0226 2021/0233 2021/024 2021/0253 21/026 2021/0266 2021/0273 2021/028	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of vehicles} {Padded or energy absorbing driving control initiating means, e.g. gear lever, pedals (B60R 21/09 takes precedence; padded linings for steering control means B60R 21/05)} 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138 21/16	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) {Reinforcement cages for closed vehicle bodies} (using external airbags) Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable elastic bodies B60C 29/00) {characterised by additional means for controlling deployment trajectory} {Means for diverting, destroying or blocking
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026 2021/0266 2021/0273 2021/028	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of vehicles} {Padded or energy absorbing driving control initiating means, e.g. gear lever, pedals (B60R 21/09 takes precedence; padded linings for steering control means B60R 21/05)} {Additional pads or cushions in vehicle 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138 21/16	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08)} Roll bars for convertible vehicles} (movable from a retracted to a protection position) (automatically during an accident) (Reinforcement cages for closed vehicle bodies) (using external airbags) Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable elastic bodies B60C 29/00) (characterised by additional means for controlling deployment trajectory) (Means for diverting, destroying or blocking the bag in case of dangerous deployment, e.g.
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026 2021/0266 2021/0273 2021/028 21/028	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of vehicles} {Padded or energy absorbing driving control initiating means, e.g. gear lever, pedals (B60R 21/09 takes precedence; padded linings for steering control means B60R 21/05)} {Additional pads or cushions in vehicle compartments, e.g. movably mounted} 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138 21/16	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08) Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) {Reinforcement cages for closed vehicle bodies} (using external airbags) Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable elastic bodies B60C 29/00) {characterised by additional means for controlling deployment trajectory} {Means for diverting, destroying or blocking
2021/0213 2021/0222 2021/0226 2021/0233 2021/024 2021/0253 21/026 2021/0266 2021/0273 2021/028	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of vehicles} {Padded or energy absorbing driving control initiating means, e.g. gear lever, pedals (B60R 21/09 takes precedence; padded linings for steering control means B60R 21/05)} {Additional pads or cushions in vehicle compartments, e.g. movably mounted} Padded linings for the vehicle interior {; Energy 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138 21/16	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08)} Roll bars for convertible vehicles (movable from a retracted to a protection position) (automatically during an accident) {Reinforcement cages for closed vehicle bodies} Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable elastic bodies B60C 29/00) {characterised by additional means for controlling deployment trajectory} {Means for diverting, destroying or blocking the bag in case of dangerous deployment, e.g. during rescue operations or use of rear-facing children seats}
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026 2021/0266 2021/0273 2021/028 21/028	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} { mounted on floor} { mounted on seats} { mounted on fire wall} { mounted on steering-wheel} { mounted on dash-board} { mounted on side walls} { mounted on roof} { Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} { comprising energy absorbing means} { automatically movable to an operative position, e.g. in case of collision or impending collision} { Means preventing passenger from falling out of vehicles} { Padded or energy absorbing driving control initiating means, e.g. gear lever, pedals (B60R 21/09 takes precedence; padded linings for steering control means B60R 21/05)} { Additional pads or cushions in vehicle compartments, e.g. movably mounted} Padded linings for the vehicle interior {; Energy absorbing structures associated with padded or 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138 21/16 2021/161 2021/162	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08)} Roll bars for convertible vehicles fmovable from a retracted to a protection position} attorized to a protection position feeinforcement cages for closed vehicle bodies} fusing external airbags fusing external airbags Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable elastic bodies B60C 29/00) fcharacterised by additional means for controlling deployment trajectory} fMeans for diverting, destroying or blocking the bag in case of dangerous deployment, e.g. during rescue operations or use of rear-facing
2021/0213 2021/022 2021/0226 2021/0233 2021/024 2021/0246 2021/0253 21/026 2021/0266 2021/0273 2021/028 21/028	 {Self-supporting restraint systems, e.g. restraining arms, plates or the like} {mounted on floor} {mounted on seats} {mounted on fire wall} {mounted on steering-wheel} {mounted on dash-board} {mounted on side walls} {mounted on roof} {Rigid partitions inside vehicles, e.g. between passengers and load compartments (B60R 21/12 takes precedence)} {comprising energy absorbing means} {automatically movable to an operative position, e.g. in case of collision or impending collision} {Means preventing passenger from falling out of vehicles} {Padded or energy absorbing driving control initiating means, e.g. gear lever, pedals (B60R 21/09 takes precedence; padded linings for steering control means B60R 21/05)} {Additional pads or cushions in vehicle compartments, e.g. movably mounted} Padded linings for the vehicle interior {; Energy 	21/131 2021/132 2021/134 2021/135 2021/137 2021/138 21/16 2021/161 2021/162	 attack from the inside or the outside of the vehicle Roll-over protection (electrical circuits for triggering safety arrangements B60R 21/01) Protective devices for drivers in case of overturning of tractors (means for preventing overturning or tipping of tractors B62D 49/08)} Roll bars for convertible vehicles} (movable from a retracted to a protection position) (automatically during an accident) {Reinforcement cages for closed vehicle bodies} Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g. air bags ({protective garments with automatically inflatable shock-absorbing means A41D 13/018; } connection of valves to inflatable elastic bodies B60C 29/00) {characterised by additional means for controlling deployment trajectory} {Means for diverting, destroying or blocking the bag in case of dangerous deployment, e.g. during rescue operations or use of rear-facing children seats} (combined with vehicle venting means

2021/165		{reusable, e.g. in case of multiple collisions}	2021/2161	• • •	• • • {the cover being displaced towards the
2021/167		{comprising anti-theft devices}			occupant during deployment}
2021/168		{for restraining luggages}	2021/2163	• • •	• • • {with energy absorbing or elastic
21/18		the inflatable member formed as a belt or			means}
		harness or combined with a belt or harness	21/2165	• • •	• characterised by a tear line for defining a
		arrangement			deployment opening
21/20		. 6	2021/21652	• • •	• • • {the tearing being done or assisted by
		in their non-use or deflated condition;			cutters}
		Arrangement or mounting of air bag modules	2021/21654	• • •	`
		or components			heating or pyrotechnic means}
21/201		Packaging straps or envelopes for inflatable	21/21656	• • •	• • • {Steering wheel covers or similar cup-
		members			shaped covers}
21/203		• in steering wheels or steering columns	21/21658	• • •	• • • { with integrated switches, e.g. horn
21/2032		• • {the inflator or inflatable member not	21/217		switches}
		being rotatable with the steering wheel;	21/217	• • •	• Inflation fluid source retainers, e.g. reaction
		Arrangements using the steering column or			canisters; Connection of bags, covers,
		steering wheel rim for storing, supplying			diffusers or inflation fluid sources therewith
		or evacuating the inflation gas or for	21/2171		or together
21/2025		storing the inflatable member} {using modules containing inflator, bag	21/2171	• • •	• • {specially adapted for elongated
21/2035		and cover attachable to the steering wheel			cylindrical or bottle-like inflators with a symmetry axis perpendicular to the main
		as a complete sub-unit (steering wheel			direction of bag deployment, e.g. extruded
		covers with tear lines <u>B60R 21/21656</u> ;			reaction canisters (B60R 21/2176 takes
		assembling of modules B60R 21/21030,			precedence)}
21/2037		• • • {the module or a major component	2021/2172		
21/2037		thereof being yieldably mounted,	2021/2172		surrounding part and to the module, e.g.
		e.g. for actuating the horn switch or			floating mounts}
		for protecting the driver in a non-	2021/2173		
		deployment situation (horn switches	2021/21/3	• • •	mounted on the vehicle}
		integrated in steering wheel covers with	2021/2175		• • {using energy absorbing means}
		tear lines <u>B60R 21/21658</u>)	21/2176		 the air bag components being completely
21/205		• in dashboards	21/21/0		enclosed in a soft or semi-rigid housing or
21/206		in the lower part of dashboards, e.g. for			cover}
			2021/2177		,
21/207		protecting the knees	2021/2177		• • {Reaction canisters characterised by
21/207 21/2072		protecting the knees in vehicle seats			• • {Reaction canisters characterised by material}
21/2072		protecting the kneesin vehicle seats{in children's seats}	2021/2178		• {Reaction canisters characterised by material}• • {Plastic}
21/2072 2021/2074	· · · · · · · · · · · · · · · · · · ·	protecting the kneesin vehicle seats{in children's seats}{in head rests}			 • {Reaction canisters characterised by material} • • {Plastic} Inflatable members (<u>B60R 21/18</u> takes
21/2072 2021/2074 2021/2076		protecting the knees in vehicle seats in children's seats} fin children's seats} Removable covers with tear seams}	2021/2178		 • {Reaction canisters characterised by material} • • {Plastic} Inflatable members (<u>B60R 21/18</u> takes precedence; connection to inflation fluid source
21/2072 2021/2074 2021/2076 2021/2078		protecting the knees in vehicle seats in children's seats} fin head rests femovable covers with tear seams fin rear seats}	2021/2178 21/23		 • {Reaction canisters characterised by material} • • {Plastic} Inflatable members (<u>B60R 21/18</u> takes precedence; connection to inflation fluid source retainers <u>B60R 21/217</u>)
21/2072 2021/2074 2021/2076		protecting the knees in vehicle seats {in children's seats} {in head rests} {Removable covers with tear seams} {in rear seats} in vehicle side panels, e.g. doors (pillar)	2021/2178 21/23		 Reaction canisters characterised by material \(\) Plastic \(\) Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or
21/2072 2021/2074 2021/2076 2021/2078 21/21		protecting the knees in vehicle seats {in children's seats} {in head rests} {Removable covers with tear seams} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213)	2021/2178 21/23 21/231		 Reaction canisters characterised by material} Plastic Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213		protecting the knees in vehicle seats {in children's seats} {in head rests} {Removable covers with tear seams} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars	2021/2178 21/23 21/231		 Reaction canisters characterised by material} Plastic Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214		protecting the knees in vehicle seats {in children's seats} {in head rests} {Removable covers with tear seams} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels	2021/2178 21/23 21/231 2021/23107		 Reaction canisters characterised by material \(\) Plastic \(\) Inflatable members (\(\) B60R 21/18 takes precedence; connection to inflation fluid source retainers \(\) B60R 21/217 \(\) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213		protecting the knees in vehicle seats {in children's seats} {in head rests} {Removable covers with tear seams} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable	2021/2178 21/23 21/231 2021/23107		 Reaction canisters characterised by material} Plastic Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215		protecting the knees in vehicle seats {in children's seats} {in head rests} {Removable covers with tear seams} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)}	2021/2178 21/23 21/231 2021/23107 2021/23115		 • {Reaction canisters characterised by material} • • {Plastic} Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) • characterised by their shape, construction or spatial configuration • {the bag being integrated in a multi-bag system} • {with inflatable support compartments
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215		protecting the knees in vehicle seats {in children's seats} {in head rests} {Removable covers with tear seams} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123		 • {Reaction canisters characterised by material} • • {Plastic} Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) • characterised by their shape, construction or spatial configuration • {the bag being integrated in a multi-bag system} • {with inflatable support compartments creating an internal suction volume} • {Heat protection panels}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment}	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313		 • {Reaction canisters characterised by material} • • {Plastic} Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) • characterised by their shape, construction or spatial configuration • {the bag being integrated in a multi-bag system} • {with inflatable support compartments creating an internal suction volume} • {Heat protection panels} • {comprising sensitive compartments}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {fin head rests} {fin rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313		 • {Reaction canisters characterised by material} • • {Plastic} Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) • characterised by their shape, construction or spatial configuration • {the bag being integrated in a multi-bag system} • {with inflatable support compartments creating an internal suction volume} • {Heat protection panels} • {comprising sensitive compartments} • {specially adapted for side protection
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {fin head rests} {fin rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313		 Reaction canisters characterised by material \(\) Plastic \(\) Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138		 Reaction canisters characterised by material \$\}\$ Plastic \$\}\$ Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512		protecting the knees in vehicle seats {in children's seats} {in head rests} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)}	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138		 . {Reaction canisters characterised by material} {Plastic} Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) . characterised by their shape, construction or spatial configuration . {the bag being integrated in a multi-bag system} . {with inflatable support compartments creating an internal suction volume} . {Heat protection panels} . {comprising sensitive compartments} . {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} . {seat mounted}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512		protecting the knees in vehicle seats {in children's seats} {in head rests} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138		 . {Reaction canisters characterised by material} {Plastic} Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) . characterised by their shape, construction or spatial configuration . {the bag being integrated in a multi-bag system} . {with inflatable support compartments creating an internal suction volume} . {Heat protection panels} . {comprising sensitive compartments} . {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} . {specially adapted for rear seat
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment}	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153		 . {Reaction canisters characterised by material} {Plastic} Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) . characterised by their shape, construction or spatial configuration . {the bag being integrated in a multi-bag system} . {with inflatable support compartments creating an internal suction volume} . {Heat protection panels} . {comprising sensitive compartments} . {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} . {specially adapted for rear seat passengers}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment} {the lid being fixed on the bag, or forming	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153		 . {Reaction canisters characterised by material} {Plastic} Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) . characterised by their shape, construction or spatial configuration . {the bag being integrated in a multi-bag system} . {with inflatable support compartments creating an internal suction volume} . {Heat protection panels} . {comprising sensitive compartments} . {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} . {specially adapted for rear seat passengers} . {specially adapted for protecting at least
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment}	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153		 Reaction canisters characterised by material \$\}\$ Plastic \$\] Inflatable members (\$\begin{array}{B60R 21/18 takes}\$) precedence; connection to inflation fluid source retainers \$\begin{array}{B60R 21/217}\$) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (\$\begin{array}{B60R 21/23184, B60R 21/232 take precedence)}\$ {seat mounted} {specially adapted for rear seat passengers} {specially adapted for protecting at least two passengers, e.g. preventing them from
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512 2021/21512		protecting the knees in vehicle seats {in children's seats} {in head rests} {Removable covers with tear seams} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment} {the lid being fixed on the bag, or forming part of the bag wall, or the bag itself being used as wall liner}	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153 2021/23161		 Reaction canisters characterised by material \$\}\$ Plastic \$\}\$ Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} {specially adapted for rear seat passengers} {specially adapted for protecting at least two passengers, e.g. preventing them from hitting each other}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512 2021/21518 2021/21525		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment} {the lid being fixed on the bag, or forming part of the bag wall, or the bag itself being used as wall liner} {using a strechable wall liner}	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153 2021/23161		 Reaction canisters characterised by material \$\}\$ Plastic \$\}\$ Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} {specially adapted for rear seat passengers} {specially adapted for protecting at least two passengers, e.g. preventing them from hitting each other} {specially adapted for knee protection}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512 2021/21518 2021/21525 2021/21531 2021/21531		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment} {the lid being fixed on the bag, or forming part of the bag wall, or the bag itself being used as wall liner} {characterised by hinges}	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153 2021/23161 2021/23169 2021/23176		 Reaction canisters characterised by material \$\}\$ Plastic \$\}\$ Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} {specially adapted for rear seat passengers} {specially adapted for protecting at least two passengers, e.g. preventing them from hitting each other} {specially adapted for knee protection} {specially adapted for foot protection}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512 2021/21518 2021/21525 2021/21531 2021/21537 2021/21543		protecting the knees in vehicle seats {in children's seats} {in children's seats} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment} {the lid being fixed on the bag, or forming part of the bag wall, or the bag itself being used as wall liner} {characterised by hinges} {with emblems}	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153 2021/23161 2021/23169 2021/23176		 Reaction canisters characterised by material \$\}\$ Plastic \$\}\$ Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} {specially adapted for rear seat passengers} {specially adapted for protecting at least two passengers, e.g. preventing them from hitting each other} {specially adapted for knee protection} {specially adapted for foot protection} {Tubular air bags connected to the vehicle
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512 2021/21518 2021/21525 2021/21531 2021/21531		protecting the knees in vehicle seats {in children's seats} {in head rests} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment} {the lid being fixed on the bag, or forming part of the bag wall, or the bag itself being used as wall liner} {using a strechable wall liner} {characterised by hinges} {with emblems} with complex motion of the cover;	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153 2021/23161 2021/23169 2021/23176 21/23184		 Reaction canisters characterised by material} Plastic Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} {specially adapted for rear seat passengers} {specially adapted for protecting at least two passengers, e.g. preventing them from hitting each other} {specially adapted for knee protection} {specially adapted for foot protection} {specially adapted for foot protection} {specially adapted for foot protection} {Tubular air bags connected to the vehicle at their two extremities}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512 2021/21518 2021/21525 2021/21531 2021/21537 2021/21543 21/2155		protecting the knees in vehicle seats {in children's seats} {in head rests} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment} {the lid being fixed on the bag, or forming part of the bag wall, or the bag itself being used as wall liner} {the industry a strechable wall liner} {characterised by hinges} {with emblems} with complex motion of the cover; Retraction under the lining during opening	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153 2021/23161 2021/23169 2021/23176 21/23184		 Reaction canisters characterised by material \$\}\$ Plastic \$\}\$ Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} {specially adapted for rear seat passengers} {specially adapted for protecting at least two passengers, e.g. preventing them from hitting each other} {specially adapted for knee protection} {specially adapted for foot protection} {Tubular air bags connected to the vehicle
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512 2021/21518 2021/21525 2021/21531 2021/21537 2021/21543		protecting the knees in vehicle seats {in children's seats} {in head rests} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment} {the lid being fixed on the bag, or forming part of the bag wall, or the bag itself being used as wall liner} {the industry a strechable wall liner} {characterised by hinges} {with emblems} with complex motion of the cover; Retraction under the lining during opening comprising tether means for limitation of	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153 2021/23161 2021/23169 2021/23176 21/23184		 Reaction canisters characterised by material \$\}\$ Plastic \$\] Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} {specially adapted for rear seat passengers} {specially adapted for protecting at least two passengers, e.g. preventing them from hitting each other} {specially adapted for knee protection} {specially adapted for foot protection} {Tubular air bags connected to the vehicle at their two extremities} {Roof bags, i.e. protecting the occupant in a roll-over situation}
21/2072 2021/2074 2021/2076 2021/2078 21/21 21/213 21/214 21/215 2021/21506 2021/21512 2021/21518 2021/21525 2021/21531 2021/21537 2021/21543 21/2155		protecting the knees in vehicle seats {in children's seats} {in head rests} {in head rests} {in rear seats} in vehicle side panels, e.g. doors (pillar mounted arrangements B60R 21/213) in vehicle roof frames or pillars in roof panels characterised by the covers for the inflatable member {(B60R 21/2176 takes precedence)} {comprising tearing tabs, legs or the like for holding the lid before deployment} {the lid being displaced towards the occupant during deployment (B60R 2021/2161, B60R 2021/21525 take precedence)} {comprising a lock unlocked during deployment} {the lid being fixed on the bag, or forming part of the bag wall, or the bag itself being used as wall liner} {the industry a strechable wall liner} {characterised by hinges} {with emblems} with complex motion of the cover; Retraction under the lining during opening	2021/2178 21/23 21/231 2021/23107 2021/23115 2021/23123 2021/2313 21/23138 2021/23146 2021/23153 2021/23161 2021/23169 2021/23176 21/23184 2021/23192		 Reaction canisters characterised by material \$\}\$ Plastic \$\}\$ Inflatable members (B60R 21/18 takes precedence; connection to inflation fluid source retainers B60R 21/217) characterised by their shape, construction or spatial configuration {the bag being integrated in a multi-bag system} {with inflatable support compartments creating an internal suction volume} {Heat protection panels} {comprising sensitive compartments} {specially adapted for side protection (B60R 21/23184, B60R 21/232 take precedence)} {seat mounted} {specially adapted for rear seat passengers} {specially adapted for protecting at least two passengers, e.g. preventing them from hitting each other} {specially adapted for knee protection} {specially adapted for foot protection} {specially adapted for foot protection} {Tubular air bags connected to the vehicle at their two extremities} {Roof bags, i.e. protecting the occupant in

21/233 comprising a plurality of individual compartments; comprising two or more bag-like members, one within the other (B60R 21/232 takes precedence)	21/26005 { the inflation fluid being transferred to the inflatable member by the mechanical deformation of the fluid container during an impact }
2021/23308 { the individual compartments defining the external shape of the bag}	2021/26011 {using a filter through which the inflation gas passes}
2021/23316 {Inner seams, e.g. creating separate compartments or used as tethering	2021/26017 {a cooling agent being added to the inflation fluid}
means} 2021/23324 {Inner walls crating separate	2021/26023 {for filling the bag with foam}
compartments, e.g. communicating with	2021/26029 {Ignitors} 2021/26035 {triggered by mechanical means}
vents} 2021/23332 {using independent bags, one within	2021/26041 { of elongated shape }
the other}	2021/26047 {of film shape} 2021/26052 {using fluid materials}
21/2334 Expansion control features	2021/26058 {using a combination of inflators}
21/2338 Tethers	2021/26064 {characterised by auto-ignition means}
2021/23382 {Internal tether means} 2021/23384 {having ends which are movable or	2021/2607 {characterised by heating or heat insulating
detachable during deployment}	means, e.g. for use under extreme temperatures}
2021/23386 {External tether means}	2021/26076 {characterised by casing}
2021/23388 {having ends which are movable or	2021/26082 {Material}
detachable during deployment} 21/2342 Tear seams	2021/26088 {Plastic}
21/2346 Soft diffusers	2021/26094 {characterised by fluid flow controlling
21/235 characterised by their material	valves}
2021/23504 {characterised by material}	21/261 with means other than bag structure to diffuse or guide inflation fluid
2021/23509 {Fabric}	2021/2612 {Gas guiding means, e.g. ducts}
2021/23514 {coated fabric}	2021/2615 (Gas garding freeding, e.g. dates)
2021/23519 {Resin (for coating fabric	bags}
<u>B60R 2021/23514</u>)}	2021/2617 {Curtain bag nozzles}
2021/23523 {Composite (coated fabric B60R 2021/23514)}	21/262 Elongated tubular diffusers, e.g. curtaintype
2021/23528 {Metal}	21/263 using a variable source, e.g. plural stage
2021/23533 {characterised by the manufacturing process}	or controlled output (hybrid inflators <u>B60R 21/272</u>)
2021/23538 { Sewing }	2021/2633 {with a plurality of inflation levels}
2021/23542 {Weaving}	2021/2636 {The volume of gas being continuously
2021/23547 {one piece weaving}	adjustable}
2021/23552 {Knitting}	21/264 using instantaneous generation of gas, e.g. pyrotechnic (B60R 21/268 takes precedence)
2021/23557 {Molding} 2021/23561 {Sealing}	2021/2642 {comprising a plurality of combustion
2021/23566 {Scanng}	chambers or sub-chambers}
utilisation}	21/2644 {using only solid reacting substances, e.g. pellets, powder}
2021/23571 {characterised by connections between panels}	21/2646 {the reacting substances being supported
2021/23576 {Sewing}	by the inflatable member walls, or by a
2021/2358 {Bonding}	flexible support within it}
2021/23585 {Vulcanisation}	2021/2648 (comprising a plurality of combustion
2021/2359 {Welding}	chambers or sub-chambers}
2021/23595 {Sealing}	21/268 using instantaneous release of stored
21/237 characterised by the way they are folded	pressurised gas {(<u>B60R 21/26005</u> takes precedence)}
2021/2375 {Folding devices}	2021/2685 {comprising a plurality of pressure
21/239 characterised by their venting means	chambers}
2021/2395 {comprising means to control the venting}	21/272 with means for increasing the pressure of
21/26 characterised by the inflation fluid source or means to control inflation fluid flow	the gas just before or during liberation, e.g.
{(arrangement or mounting thereof to the	hybrid inflators
vehicle <u>B60R 21/20</u> ; blasting cartridges for	2021/2725 {using a fluid fuel gas generator} 21/274 characterised by means to rupture or open
producing gas under pressure in general	the fluid source
<u>F42B 3/04;</u> initiators or igniters therefor	21/276 with means to vent the inflation fluid source,
<u>F42B 3/10</u>)}	e.g. in case of overpressure {(B60R 21/30) takes precedence; venting means on inflatable member walls B60R 21/239)}

2021/2765 21/30 21/33	{comprising means to control the venting} with means to draw ambient air into the flow line and mix such air with the inflation fluid Arrangements for non-electric triggering of	22/10	 specially adapted for children or animals (children's seats <u>B60N 2/24</u>) <u>NOTE</u>
2021/335	inflation (electrical circuits for triggering safety arrangements B60R 21/01) • • • (Connections between collision detecting means and inflators using pyrothechnic		Groups B60R 22/02{B60R 22/022} - B60R 22/08, B60R 22/18 - B60R 22/48 take precedence over group B60R 22/10
21/34	transmission lines} • Protecting non-occupants of a vehicle, e.g. pedestrians {(B60R 19/02 takes precedence)}	22/105 22/12	 • {for children (adaptation of children's seats for seat belts B60N 2/265, B60N 2/2803)} • Construction of belts or harnesses (B60R 21/18)
2021/343	• • {using deformable body panel, bodywork or components}	22/12	takes precedence {; woven fabrics for safety belts D03D 1/0005})
2021/346	• • {means outside vehicle body}	22/14	. incorporating enlarged restraint areas, e.g. vests,
21/36	using airbags		nets {, crash pads, optionally for children (crash
21/38	• using means for lifting bonnets		pads for occupants' safety on vehicles in general
22/00	Safety belts or body harnesses in vehicles (safety	22/16	<u>B60R 21/02</u>)}
	belts or body harnesses in general A62B 35/00)	22/16	using belts which become permanently deformed, i.e. one time use
22/001	• {Knee, leg or head belts}	22/18	Anchoring devices
2022/003	• {for restraining detainees}	2022/1806	{for buckles}
2022/005	• {for restraining luggages}	2022/1800	{Connections between seat belt and buckle}
2022/006	• {Sleeve or tubular members enveloping the seat belt	2022/1012	tongue}
2022/000	for enhancing comfort or protection}	2022/1818	• • {Belt guides}
2022/008	• {Belts; Fixing thereof specially adapted for pregnant	2022/1825	• • • {using rollers}
22/02	users} . Semi-passive restraint systems, e.g. systems	2022/1831	• • • {comprising a slotted plate sliding in its plane,
22/02	applied or removed automatically but not both		e.g. inside circular guides}
	{; Manual restraint systems (knee, leg or head	2022/1837	· 1 · 0
	belts B60R 22/001; devices for releasing in an	2022/1042	spherical or cardan-type}
	emergency, remote or automatic unbuckling devices	2022/1843	{comprising an elongated sleeve}
	<u>B60R 22/32</u>)}	22/185	• with stopping means for acting directly upon the belt in an emergency, e.g. by clamping or friction
2022/021	• • {Means for holding the tongue or buckle in a non-use position, e.g. for easy access by the user}		{(<u>B60R 22/195</u> takes precedence; combined with the retractor <u>B60R 22/42</u>)}
22/022	• • { with means for facilitating access to rear seats in	22/1855	• • {the means being sensitive to belt tension}
22/023	two-door cars} {Three-point seat belt systems comprising two	22/19	• • with means for reducing belt tension during
22/023	side lower and one side upper anchoring devices		use under normal conditions {(included in the
	($\underline{B60R}$ 22/022, $\underline{B60R}$ 22/03 take precedence)}		retractor <u>B60R 22/44</u>)}
22/024	• • • {Adaptations for use by small passengers, e.g.	22/195	• • with means to tension the belt in an emergency,
	children (B60R 22/20 takes precedence; using belt anti-slip devices B60R 22/30)}		{e.g. means of the through-anchor or splitted reel type}(electrical circuits for triggering safety
2022/025	{Adaptations for use with children seats or		arrangements $\{\underline{B60R} \ \underline{21/01}\}\)$
	luggages}		<u>NOTE</u>
2022/026	• • • {at least two ends of the belt being retractable after use}		If the type of belt tensioner is not specified and can be used indifferently for pulling belt
2022/027	• • {Four-point seat belt systems, e.g. with the two upper points connected together}		anchors or rotating belt reels, the documents are classified in B60R 22/46
2022/028	• • {specially adapted for use in sleeping position, e.g. for reclining seats}	22/1951	• • • {characterised by arrangements in vehicle or
2022/029	• • {Belt storage; Devices or systems for controlling winding up of unused seat belt}	22/1952	relative to seat belt} {Transmission of tensioning power by cable;
22/03	 Means for presenting the belt or part thereof to the wearer {, e.g. foot-operated} 	22/1953	Return motion locking means therefor} {the cable being pulled by mechanical
22/04	 Passive restraint systems, i.e. systems both applied 	44/1933	means, e.g. pre-stressed springs, bumper
44/U4	and removed automatically, e.g. by movement of		displacement during crash}
	the vehicle door	22/1954	• • • {characterised by fluid actuators, e.g.
22/06	having the belt or harness connected to a member		pyrotechnic gas generators (actuating a cable
	slidable in a vehicle-mounted track		B60R 22/1952)}
22/08	having the belt retractor mounted on or in a	22/1955	{Linear actuators}
	vehicle closure, e.g. the door	22/1956	{Mechanical triggering means therefor (also
		2022/1257	adapted for air bag inflators <u>B60R 21/33</u>)}
		2022/1957	• • • {characterised by electric actuators}

22/1958	• • • {characterised by spring actuators (B60R 22/1953 takes precedence)}	22/3408	• • {without locking means (<u>B60R 22/3405</u> takes precedence)}
22/20	adjustable in position, e.g. in height	22/341	• {comprising energy-absorbing means}
22/201	• • • • • • • • • • • • • • • • • • •	22/3413	{operating between belt reel and retractor
22/201	movable in a vehicle-mounted track (for	22/3413	frame (<u>B60R 22/4676</u> takes precedence)}
22/202	passive restraint systems <u>B60R 22/06</u>)} {the slider comprising spring-actuated	22/3416	• • {Unlocking devices for retractors (<u>B60R 22/3405</u> takes precedence)}
22/202	locking means (<u>B60R 22/205</u> takes	2022/2410	• { with end lock preventing means }
	precedence)}	2022/3419	The state of the s
22/203	• • • • {the locking means being movably	2022/3421	• • {with means for locking the belt reel in a non-use position, e.g. for seat mounted retractor when the
22/203	mounted on the slider}		seat is in a non-locked condition}
22/205	• • • { the slider comprising emergency actuated	2022/3424	• • {Multi-spool or multi-belt retractors}
	locking means}	2022/3427	• • {Seat belt connection on reels}
22/206	• • • {Adjustable stop members for restraint systems comprising belt anchor vehicle mounted tracks,	22/343	• • with electrically actuated locking means $\{(\underline{B60R\ 22/3405}\ takes\ precedence)\}$
	e.g. for passive seat belts}	22/347	with means for permanently locking the retractor
2022/207	• • • {Horizontally or transversally adjustable}		during the wearing of the belt ($\{B60R 22/3405\}$,
2022/208	• • • {by automatic or remote control means}		<u>B60R 22/343</u> , <u>B60R 22/415</u> take precedence)
22/22	• • secured to the vehicle floor	2022/3475	• • • {having means for acting directly upon the belt,
22/24	secured to the side, door, or roof of the vehicle		e.g. by clamping or friction}
22/26	secured to the seat	22/35	the locking means being automatically actuated
2022/263	• • • {Front seats}	22/353	in response to belt movement when a wearer
2022/266	{Rear seats, e.g. benches}		applies the belt
22/28	• incorporating energy-absorbing devices {(belt	2022/3535	{comprising anti-cinch devices}
	anchors provided with energy-absorbing means	22/357	in response to fastening of the belt buckle
	for protecting the occupants in case of physical	22/36	• self-locking in an emergency ({B60R 22/3405}),
	contact therewith <u>B60R 21/055</u> ; belt retractors	22/30	$\frac{\text{B60R } 22/343}{\text{B60R } 22/343} \text{ take precedence})$
	comprising energy-absorbing means <u>B60R 22/341</u> ,	22/38	• • responsive only to belt movement
	B60R 22/4676)}	2022/385	• • • {with adjustable sensitivity}
2022/281	• • {for buckles}	22/40	responsive only to vehicle movement
2022/282	• • {using fluids or vico-elastic materials}	2022/401	• • • {with adjustable sensor}
2022/283	• • {using tearing or scoring of material}	2022/401	• • • • {with adjustable sensor} • • • • {automatically adjustable to keep a
2022/284	• • {using electric or magnetic braking means}	2022/402	vertical position, e.g. irrespective of seat or
2022/285	• {using friction surfaces}		vehicle tilting}
2022/286	{using deformation of material}	2022/403	• • • • • {using externally controlled means, e.g.
2022/287	{of torsion rods or tubes}	2022/403	linked with seat back hinge}
2022/288	• • {with means to adjust or regulate the amount of	2022/404	• • • { with remote sensor, e.g. for mounting on
2022/200	energy to be absorbed}	2022/404	seat}
2022/289	{Energy-absorption curves}	22/405	responsive to belt movement and vehicle
22/30	Coupling devices other than buckles, including	22/103	movement
22/30	length-adjusting fittings {or anti-slip devices	22/41	with additional means for preventing locking
	(adaptations of manual three-point seat belt systems	22/11	{during unwinding} under predetermined
	for use by small passengers using other means		conditions
	than belt anti-slip devices <u>B60R 22/024</u> ; buckles	22/415	with additional means allowing a permanent
	A44B 11/00; releasable fastenings in general		locking of the retractor during the wearing of
	<u>F16B</u>)}		the belt
22/32	• Devices for releasing in an emergency, e.g. after an	22/42	having means for acting directly upon the belt,
	accident {; Remote or automatic unbuckling devices		e.g. by clamping or friction {(not combined
	(unlocking devices for retractors <u>B60R 22/3416</u>)}		with the retractor <u>B60R 22/185</u>)}
22/321	• • {using electric means}	22/44	with means for reducing belt tension during
22/322	• • {using automatic actuating means (B60R 22/321		use under normal conditions {(not included in
	takes precedence)}		the retractor <u>B60R 22/19</u> ; <u>B60R 22/3405</u> takes
22/324	• • • {triggered by strong traction on the seat belt,		precedence)}
	e.g. with temporisation}	2022/4406	• • • {Spring shapes; Spring characteristic; Springs
22/325	• • {using remote control means (<u>B60R 22/321</u> ,		with adjustable anchoring means}
	B60R 22/322 take precedence)}	2022/4413	()
2022/327	• • {using pyrotechnic means}		belt reel by means of a transmission which
2022/328	• • {comprising means for cutting the belt}		decreases the spring force when the belt is
22/34	• Belt retractors, e.g. reels (anchoring devices {, e.g.		pulled out, e.g. using conical pulleys}
	guide loops}, with means to tension the belt in an	2022/442	• • • {using one spring and one additional retraction
	emergency <u>B60R 22/195</u>)		device in parallel}
2022/3402	• • {Retractor casings; Mounting thereof}	2022/4426	{the additional retraction device being a
22/3405	• • {of the non-rotary type}		second spring}
		2022/4433	{externally controlled}

2022/444	• • • {the additional retraction device being an electric actuator}		 {Sensing means arrangements therefor} {for sensing locking of buckle}
2022/4446	{using one spring and one additional retraction device in series}		• • • {for sensing amount of belt winded on
2022/4453	{the additional retraction device being a	2022/4833	retractor} {for sensing locking of retractor}
	second spring}	2022/4841	• • · {for sensing belt tension}
2022/446	• • • • { with external control means }	2022/485	{for sensing belt anchor position, belt
2022/4466	• • • { the additional retraction device being an		orientation, or the like}
	electric actuator}	2022/4858	• • • {for sensing pressure on seat}
2022/4473	• • • {using an electric retraction device	2022/4866	• • {Displaying or indicating arrangements thereof}
	(combined with a spring B60R 2022/444,	2022/4875	• • {on vehicle exterior}
	<u>B60R 2022/4466</u>)}	2022/4883	• • {Interlock systems}
2022/448	• • • {using a fluid actuated retraction device}	2022/4891	• • {preventing use of the vehicle when the
2022/4486	{for cancelling the belt tension}	2022/4071	seatbelt is not fastened}
2022/4493	• • • { for braking the belt reel using friction surfaces		
	or the like}	25/00	Fittings or systems for preventing or indicating
22/46	• • {Reels} with means to tension the belt in an		unauthorised use or theft of vehicles (locks for
	emergency {by forced winding up}(electrical		vehicles <u>E05B 77/00</u> - <u>E05B 85/00</u>)
	circuits for triggering safety arrangements	25/001	• {Anti-theft devices acting on jacking means or
	B60R 21/01 {; tensioners using reels only guiding		props, e.g. for trailers}
	the belt during normal use, e.g. splitted reels	25/002	• {Locking of control actuating or transmitting means
	B60R 22/195})		(of steering mechanism <u>B60R 25/02</u>)}
22/4604	{characterised by arrangements in vehicle or	25/003	• • {locking of control actuating means}
	relative to seat belt}	25/005	• • {of foot actuated control means (rods
2022/4609	• • • {using a plurality of tensioners}		connecting pedals and steering wheels
2022/4614	• • • {one pretensioner acting on a plurality of		B60R 25/0221)}
2022/ 101 1	belts}	25/006	• • • {using means preventing access, e.g. boxes,
22/4619	{Transmission of tensioning power by cable,		shutters}
22, .01)	e.g. using a clutch on reel side}	25/007	• • { of hand actuated control means }
22/4623	{the cable being pulled by mechanical	25/008	• • • {comprising means for locking two or more
22/1023	means, e.g. pre-stressed springs, bumper	20,000	control means together, e.g. hand-brake
	displacement during crash}		handle and gear shift lever}
22/4628	• • • {characterised by fluid actuators, e.g.	25/01	• operating on vehicle systems or fittings, e.g. on
22, 1020	pyrotechnic gas generators (actuating a cable		doors, seats or windscreens
	B60R 22/4619)}	25/012	• • {Airbags triggered}
22/4633	{Linear actuators, e.g. comprising a piston	25/014	• {comprising means for locking the seat or parts
	moving along reel axis and rotating along its	20,011	thereof in a driving prevention position}
	own axis}	25/016	• • {comprising means for shuttering the windscreen
2022/4638	{comprising a piston moving along or in	25,010	or part thereof}
	parallel to the reel axis}	25/018	• {Thief traps}
2022/4642	{the gas directly propelling a flexible driving	25/02	• operating on the steering mechanism
	means, e.g. a plurality of successive masses,	25/021	restraining movement of the steering column
	in a tubular chamber	23/021	or steering wheel hub, e.g. restraining means
2022/4647	• • • • {the driving means being a belt, a chain or		controlled by ignition switch
	the like}	25/02102	• • • { with supplementary safety device
22/4652	{Mechanical triggering means therefor (also	23/02102	preventing operation of the starter of an
	adapted for air bag inflators <u>B60R 21/33</u>)}		engine already running}
2022/4657	{comprising a plurality of charges}	25/02105	• • • {Arrangement of the steering column
2022/4661		23/02103	thereof}
	overpressure in case of fire or for allowing	25/02107	• • • • {comprising overload clutching means}
	return motion with energy absorption}	25/02107	{comprising overload clutching means}
2022/4666	{characterised by electric actuators}	25/0211	linearly moved towards the steering column}
22/4671	{characterised by spring actuators	25/02113	• • • • {manually actuated, e.g. using removable
22/10/1	(B60R 22/4623 takes precedence)}	23/02113	locking means}
22/4676	• • • {comprising energy-absorbing means operating	25/02115	• • • • {key actuated}
22/10/0	between belt reel and retractor frame}		
2022/468	{characterised by clutching means between	23/02118	• • • • {with linear bolt motion parallel to the lock axis}
2022/100	actuator and belt reel}	25/02121	{comprising safety devices avoiding
2022/4685	• • • { with means to adjust or regulate the tensioning	23/02121	locking until removal of the key}
	force in relation to external parameters}	25/02123	• • • • • • • { using an axially slidable lock
2022/469	{reusable}	43/04143	cylinder}
2022/4695	{without winding function during normal use}	25/02126	cynnder} {with linear bolt motion perpendicular
22/48	Control systems, alarms, or interlock systems, for	23/02120	to the lock axis}
22/70	the correct application of the belt or harness		to the lock dais;
	street approached of the bolt of harness		

25/02128	{comprising safety devices avoiding	25/093 {comprising ground-engaging means}
	locking until removal of the key}	25/096 {comprising means for deflating tyres}
25/02131	• • • • • • {by using an axially slidable lock	25/10 • actuating a signalling device
25/02124	cylinder} {comprising a locking member axially	25/1001 • • {Alarm systems associated with another car fitting or mechanism, e.g. door lock or knob,
23/02134	moved along the steering column}	pedals (features related to the general power
25/02136	• • • • {manually actuated, e.g. using removable	supply B60R 25/1018)}
	locking members}	25/1003 {Alarm systems characterised by arm or disarm
	• • • • {key actuated}	features}
25/02142	• • • {comprising externally controlled safety	25/1004 • • {Alarm systems characterised by the type of
	devices for preventing locking during vehicle	sensor, e.g. current sensing means (using door
25/02144	running condition} {interlocked with gear box or gear lever}	lock sensors <u>B60R 25/1001</u>)} 25/1006 • • • {Mechanical sensors, e.g. pendulums
	(comprising a locking member having	(B60R 25/101 takes precedence)}
	other than linear, axial or radial motion, e.g.	25/1007 {comprising associated circuitry}
	rotatable; Steering column locking using	25/1009 {Sonic sensors; Signal treatment therefor}
25/0215	balls, rollers or the like}	25/101 {Fuel level sensors}
25/0215	using electric means, e.g. electric motors or solenoids	25/1012 {Zone surveillance means, e.g. parking lots,
25/02153	• • • • {comprising a locking member radially	truck depots}
25/02155	and linearly moved towards the steering	2025/1013 • • {Alarm systems characterised by the type of warning signal, e.g. visual, audible}
	column}	2025/1015 {Signal coming from the exhaust}
25/02156	{comprising a locking member axially	2025/1016 • • • {Remote signals alerting owner or authorities,
	moved along the steering column}	e.g. radio signals}
25/022	• • • operating on the steering wheel, e.g. bars	25/1018 • • { Alarm systems characterised by features related
	locked to the steering wheel rim (B60R 25/021 takes precedence)	to the general power supply}
25/0221	• • • {restraining means joining the steering wheel	25/102 a signal being sent to a remote location, e.g. a
	with another part of the car, e.g. pedals}	radio signal being transmitted to a police station, a security company or the owner
25/0222	{by disjoining steering wheel and column}	25/1025 {preventing jamming or interference of said
25/0224	• • • {restraining of steering wheel by collapsing	signal}
27/0227	against column}	25/104 • characterised by the type of theft warning
25/0225	• • • { using a rod locked on the steering wheel rim (B60R 25/0221 takes precedence)}	signal, e.g. visual or audible signals with special
25/0227	• • • {using means preventing access, e.g. boxes	characteristics
25/0227	enclosing the steering wheel (B60R 25/014	 25/1045 {Signal comming from the exhaust} 25/20 . Means to switch the anti-theft system on or off
	takes precedence)}	25/2009 • Antitheft state indicator}
25/0228	• • • {comprising a locking bolt or fork slidable	25/2018 • Central base unlocks or authorises unlocking
	between or around the steering wheel	25/2027 • • { with data signals passing through the human
25/022	spokes}	body}
25/023	Countermeasures against the physical destruction of the steering lock	25/2036 • • {by using the door logic and door and engine
25/04	• • operating on the propulsion system, e.g. engine or	unlock means}
	drive motor	25/2045 • • {by hand gestures}
2025/0405	• • {from the external}	25/2054 • • {by foot gestures} 25/2063 • • {Ignition switch geometry}
2025/041	• • {Preventing use of engine operating on the	25/2072 • • {with means for preventing jamming or
2027/0447	fluid supply}	interference of a remote switch control signal}
2025/0415	• • • {with safe immobilisation}	25/2081 • • {combined with personal settings of other vehicle
25/042 25/043	operating on the fuel supply	devices, e.g. mirrors, seats, steering wheels}
25/043	 by blocking the exhaust by limiting or blocking the air supply	25/209 • • {Remote starting of engine}
25/044	by limiting or officering the all supply by limiting or cutting the electrical supply to	25/21 using hidden switches
23/043	the propulsion unit	25/22 using mechanical identifiers
25/06	• • • operating on the vehicle transmission	25/225 {key in lock presence switch}
25/063	{Locking of foot actuated control actuating	25/23 using manual input of alphanumerical codes
	means}	25/24 using electronic identifiers containing a code not memorised by the user
25/066	{Locking of hand actuated control actuating	25/241 {whereby access privileges are related to the
05/00	means}	identifiers}
25/08	operating on brakes or brake systems	25/243 {with more than one way to gain access}
25/083	• • • {Locking of foot-actuated control actuating means}	25/245 {where the antenna reception area plays a role}
25/086	• • {Locking of hand-actuated control actuating	25/246 {characterised by the challenge triggering}
25, 300	means}	25/248 {Electronic key extraction prevention}
25/09	by restraining wheel rotation, e.g. wheel clamps	25/25 using biometry

25/252		2200/200	
25/252	• • {Fingerprint recognition}	2300/308	bead yn dienlay on the windsomen
25/255	• • {Eye recognition}	2200/40	head-up display on the windscreen
25/257	• • {Voice recognition}	2300/40	characterised by the details of the power supply or the coupling to vehicle components
25/30	• Detection related to theft or to other events relevant	2200/402	
25/202	to anti-theft systems	2300/402 2300/404	Image calibration
25/302	• {using recording means, e.g. black box}		• triggering from stand-by mode to operation mode
25/305	• • {using a camera}	2300/406	using wireless transmission
25/307	• • {using data concerning maintenance or	2300/408	. using a data bus
27/24	configuration}	2300/50	characterised by the display information being
25/31	• of human presence inside or outside the vehicle		shared, e.g. external display, data transfer to other
25/32	• of vehicle dynamic parameters, e.g. speed or	2200/60	traffic participants or centralised traffic controller
25/22	acceleration	2300/60	characterised by monitoring and displaying vehicle exterior scenes from a transformed perspective
25/33	• of global position, e.g. by providing GPS	2300/602	with an adjustable viewpoint
25/24	coordinates	2300/605	the adjustment being automatic
25/34	 of conditions of vehicle components, e.g. of windows, door locks or gear selectors 	2300/603	from a bird's eye viewpoint
25/40	Features of the power supply for the anti-theft	2300/007	characterised by an event-triggered choice to
23/40	system, e.g. anti-theft batteries, back-up power	2300/70	display a specific image among a selection of
	supply or means to save battery power		captured images
25/403	• • {Power supply in the vehicle}	2300/80	characterised by the intended use of the viewing
25/406	• • {Power supply in the venicle} • • {Power supply in the remote key}	2300/00	arrangement
23/400	• • (I ower suppry in the remote key)	2300/8006	for monitoring and displaying scenes of vehicle
99/00	Subject matter not provided for in other groups of	2500/0000	interior, e.g. for monitoring passengers or cargo
	this subclass	2300/8013	for child monitoring
2099/005	• {Protections against martens or rodents}	2300/802	for monitoring and displaying vehicle exterior
		2300/002	blind spot views
2225/00	Means indicating the functioning state of the alarm	2300/8026	in addition to a rear-view mirror system
	system, e.g. indicating arming, using leds	2300/8033	for pedestrian protection
2300/00	Details of viewing arrangements using cameras	2300/804	for lane monitoring
	and displays, specially adapted for use in a vehicle	2300/8046	for replacing a rear-view mirror system
2300/10	characterised by the type of camera system used	2300/8053	for bad weather conditions or night vision
2300/101	using cameras with adjustable capturing direction	2300/806	for aiding parking
2300/102	using 360 degree surveillance camera system	2300/8066	for monitoring rearward traffic
2300/103	using camera systems provided with artificial	2300/8073	for vehicle security, e.g. parked vehicle
	illumination device, e.g. IR light source	2500/00/5	surveillance, burglar detection
2300/105	using multiple cameras	2300/808	for facilitating docking to a trailer
2300/106	using night vision cameras	2300/8086	for vehicle path indication
2300/107	using stereoscopic cameras	2300/8093	for obstacle warning
2300/108	using 'non-standard' camera systems, e.g. camera		<u>-</u>
	sensor used for additional purposes i.a. rain	2325/00	Indexing scheme relating to vehicle anti-theft
	sensor, camera sensor split in multiple image		devices
	areas	2325/10	Communication protocols, communication systems
2300/20	characterised by the type of display used		of vehicle anti-theft devices
2300/202	displaying a blind spot scene on the vehicle part	2325/101	Bluetooth
	responsible for the blind spot	2325/103	Near field communication [NFC]
2300/205	using a head-up display	2325/105	Radio frequency identification data [RFID]
2300/207	• using multi-purpose displays, e.g. camera image	2325/106	Internet
	and navigation or video on same display	2325/108	Encryption
2300/30	characterised by the type of image processing	2325/20	Communication devices for vehicle anti-theft
2300/301	combining image information with other obstacle		devices
	sensor information, e.g. using RADAR/LIDAR/	2325/202	Personal digital assistant [PDA]
	SONAR sensors for estimating risk of collision	2325/205	Mobile phones
2300/302	combining image information with GPS	2325/207	Satellites
	information or vehicle data, e.g. vehicle speed,	2325/30	• Vehicles applying the vehicle anti-theft devices
2200/202	gyro, steering angle data	2325/302	Airplanes
2300/303	using joined images, e.g. multiple camera images	2325/304	Boats
2300/304	using merged images, e.g. merging camera image	2325/306	Motorcycles
0200/005	with stored images	2325/308	Industrial vehicles
2300/305	merging camera image with lines or icons	2325/40	Programmable elements
2300/306	using a re-scaling of images		
2300/307	virtually distinguishing relevant parts of a scene		
	from the background of the scene		