

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

### TRANSPORTING

#### B60 VEHICLES IN GENERAL

(NOTE omitted)

#### B60N SEATS SPECIALLY ADAPTED FOR VEHICLES; VEHICLE PASSENGER ACCOMMODATION NOT OTHERWISE PROVIDED FOR

##### NOTES

- Attention is drawn to the Explanatory Note following the class title [B60](#)
- In this subclass the following term is used with the meaning indicated:
  - "cushion": seating part of a seat distinguished from the back-rest

<b>2/00</b>	<b>Seats specially adapted for vehicles (for facilitating access of invalids to, or exit of invalids from, vehicles <a href="#">A61G 3/02</a>; railway seats <a href="#">B61D 33/00</a>; cycle seats <a href="#">B62J 1/00</a>; aircraft seats <a href="#">B64D 11/06</a>, <a href="#">B64D 25/04</a>, <a href="#">B64D 25/10</a>)</b>	<b>2002/0208</b>	. . . {the seat or seat part turning about or moving along an inclined axis}
		<b>2002/0212</b>	. . . {the seat or seat part turning about or moving along a longitudinal axis}
<b>2/002</b>	. {Passenger detection systems (weighing apparatus, e.g. for airbag systems <a href="#">G01G 19/4142</a> )}	<b>2002/0216</b>	. . . {the seat or seat part turning about or moving along a transversal axis}
<b>2/005</b>	. Arrangement or mounting of seats in vehicles {, e.g. dismountable auxiliary seats} ( <a href="#">B60N 2/02</a> takes precedence {; for railway vehicles <a href="#">B61D 1/04</a> )}	<b>2002/022</b>	. . . {the seat or seat part turning about or moving along a vertical axis}
<b>2002/0055</b>	. . {characterised by special measures to ensure that no seat or seat part collides, during its movement, with other seats, seat parts or the vehicle itself}	<b>2/0224</b>	. . {Non-manual adjustment, e.g. with electrical operation}
<b>2/01</b>	. . Arrangement of seats relative to one another	<b>2/0228</b>	. . . {Hand-activated switches}
<b>2/012</b>	. . . {The seat support being a part of the vehicle body or chassis}	<b>2/0232</b>	. . . {electric motors}
<b>2/015</b>	. . Attaching seats directly to vehicle chassis	<b>2002/0236</b>	. . . . {characterised by details of the transmission between the electric motor and the seat or seat parts}
<b>2/01508</b>	. . . {using quick release attachments}	<b>2002/024</b>	. . . . {characterised by details of the mounting of the electric motor}
<b>2/01516</b>	. . . . {with locking mechanisms}	<b>2/0244</b>	. . . {with logic circuits}
<b>2/01525</b>	. . . . . {with locking elements expanding inside or under the vehicle floor or rail}	<b>2/0248</b>	. . . . {with memory of positions}
<b>2/01533</b>	. . . . . {using balls interlocking with notches (interlocking balls in general <a href="#">E05B 63/121</a> )}	<b>2/0252</b>	. . . . {with relations between different adjustments, e.g. height of headrest following longitudinal position of seat}
<b>2/01541</b>	. . . . . {using moving hooks ( <a href="#">B60N 2/01583</a> takes precedence)}	<b>2002/0256</b>	. . . . {Arrangements helping the passenger to get in or out}
<b>2/0155</b>	. . . . . {with the locking mechanism on the vehicle floor or rail}	<b>2002/026</b>	. . . . {varying hardness or support of upholstery, e.g. when driving curved roads}
<b>2/01558</b>	. . . . . {with key and slot}	<b>2002/0264</b>	. . . . {characterised by the type of electrical connection, e.g. wiring, plugs or USB}
<b>2/01566</b>	. . . . . {key rotating about a vertical axis}	<b>2002/0268</b>	. . . . {using sensors or detectors for adapting the seat or seat part, e.g. to the position of a passenger}
<b>2/01575</b>	. . . . . {key sliding inside the vehicle floor or rail}	<b>2002/0272</b>	. . . . {using sensors or detectors for detecting the position of seat parts}
<b>2/01583</b>	. . . . . {locking on transversal elements on the vehicle floor or rail, e.g. transversal rods}	<b>2/0276</b>	. . . . {reaction to emergency situations, e.g. crash}
<b>2/01591</b>	. . . . {with wheels coupled to the seat}	<b>2/028</b>	. . {Elastically mounted back-rests}
<b>2/02</b>	. the seat or part thereof being movable, e.g. adjustable (adjustable arm-rests <a href="#">B60N 2/75</a> ; adjustable head-rests <a href="#">B60N 2/806</a> )	<b>2/0284</b>	. . {Adjustable seat-cushion length ( <a href="#">B60N 2/0224</a> takes precedence)}
<b>2002/0204</b>	. . {characterised by the seat or seat part turning about or moving along a non-standard, particular axis, i.e. an axis different from the axis characterising the conventional movement}	<b>2002/0288</b>	. . {Adjustable seat width}
		<b>2/0292</b>	. . {Multiple configuration seats, e.g. for spacious vehicles or mini-buses}

2/0296	. . . {Central command actuator to selectively switch on or engage one of several special purpose circuits or mechanisms}	2/0887	. . . . . {with synchronised movements}
2/04	. . . the whole seat being movable	2/0893	. . . . . {allowing independent movement of the latches, e.g. to recover tolerance errors}
2/045	. . . {Longitudinal adjustment by means of articulated rods supporting the seat, e.g. parallelogram mechanisms (B60N 2/38 takes precedence)}	2/10	. . . . . tiltable (B60N 2/2875 takes precedence)
2/06	. . . . . slidable (B60N 2/12 {B60N 2/2209} takes precedence)	2/12	. . . . . slidable and tiltable
2/062	. . . . . {transversally slidable}	2/123	. . . . . {and provided with memory locks}
2/065	. . . . . {Rear seats}	2002/126	. . . . . {the backrest being maintained in its tilted position until the seat has slid to its memorised position}
2/067	. . . . . {by linear actuators, e.g. linear screw mechanisms}	2/14	. . . . . rotatable, e.g. to permit easy access (B60N 2/2869 takes precedence)
2/07	. . . . . Slide construction	2/143	. . . . . {taking a position opposite to the original one}
2/0702	. . . . . {characterised by its cross-section}	2/146	. . . . . {characterised by the locking device}
2/0705	. . . . . {omega-shaped}	2/16	. . . . . height-adjustable
2/0707	. . . . . {J-shaped}	2/1605	. . . . . {characterised by the cinematic}
2/071	. . . . . {T-shaped}	2/161	. . . . . {Rods}
2/0712	. . . . . {H or double T-shaped}	2/1615	. . . . . {Parallelogram-like structure}
2/0715	. . . . . {C or U-shaped}	2/162	. . . . . {Scissors-like structure}
2/0717	. . . . . {Rounded, e.g. circular}	2/1625	. . . . . {Combination of rods and slides}
2/072	. . . . . {Complex cross-section, e.g. obtained by extrusion}	2/163	. . . . . {Slides only}
2/0722	. . . . . {Constructive details}	2/1635	. . . . . {characterised by the drive mechanism}
2/0725	. . . . . {Closing members for covering the slide}	2/164	. . . . . {Linear actuator, e.g. screw mechanism}
2/0727	. . . . . {Stop members for limiting sliding movement}	2/1645	. . . . . {Eccentric mechanism}
2/073	. . . . . {Reinforcement members preventing slide dislocation}	2/165	. . . . . {Gear wheel driven mechanism}
2/0732	. . . . . {Attachment of seat frame to the slide, e.g. eyelets}	2/1655	. . . . . {Cycloidal or planetary mechanism}
2/0735	. . . . . {Position and orientation of the slide as a whole}	2/166	. . . . . {Worm and worm gear articulations}
2/0737	. . . . . {the slide path being substantially in a direction different from the longitudinal}	2/1665	. . . . . {Hydraulic or pneumatic actuation}
2/074	. . . . . . . {rotated about the transversal axis}	2/167	. . . . . {Ratchet mechanism}
2/0742	. . . . . . . {rotated about the vertical axis}	2/1675	. . . . . {with weight compensating means}
2/0745	. . . . . . . {the slide path being curved}	2/168	. . . . . {and provided with braking systems}
2/0747	. . . . . . . {the opening of the cross section being oriented in a direction different from the vertical, e.g. transversal}	2/1685	. . . . . {characterised by a lock}
2/075	. . . . . . . roller-less	2/169	. . . . . {Stepwise movement mechanisms, e.g. ratchets (B60N 2/167 takes precedence; ratchets in general G05G 7/06)}
2/08	. . . . . characterised by the locking device	2/1695	. . . . . {with simultaneous height and inclination adjustment}
2/0806	. . . . . {with pin alignment systems, e.g. with at least one of a plurality of locking pins always aligned w.r.t. at least one of a plurality of pin-receiving elements}	2/18	. . . . . the front or the rear portion of the seat being adjustable, e.g. independently of each other
2/0812	. . . . . {Location of the latch}	2/1803	. . . . . {with independent front and/or rear adjustment}
2/0818	. . . . . {inside the rail}	2/1807	. . . . . {characterised by the cinematic}
2/0825	. . . . . {outside the rail}	2/181	. . . . . {Rods}
2/0831	. . . . . {Movement of the latch}	2/1814	. . . . . . . {Parallelogram-like structure}
2/0837	. . . . . {pivoting}	2/1817	. . . . . . . {Scissors-like structure}
2/0843	. . . . . . . {about a longitudinal axis}	2/1821	. . . . . . . {Combination of Rods and slides}
2/085	. . . . . . . {about a transversal axis}	2/1825	. . . . . . . {including a curved slide}
2/0856	. . . . . . . {about a vertical axis}	2/1828	. . . . . . . {Slides only}
2/0862	. . . . . . . {sliding}	2/1832	. . . . . . . {including a curved slide}
2/0868	. . . . . . . {in a transversal direction}	2/1835	. . . . . . . {pivoting about an axis located in the front}
2/0875	. . . . . . . {in a vertical direction}	2/1839	. . . . . . . {pivoting about an axis located in an intermediate position}
2/0881	. . . . . {Activation of the latches by the control mechanism}	2/1842	. . . . . . . {pivoting about an axis located in the rear}
		2/1846	. . . . . . . {pivoting about a distant axis, e.g. virtual}
		2/185	. . . . . . . {characterised by the drive mechanism}
		2/1853	. . . . . . . {Linear actuator, e.g. screw mechanism}
		2/1857	. . . . . . . {Eccentric mechanism}
		2/186	. . . . . . . {with a transversal pin displaced by a moving slot or a cam along a predetermined path}

2/1864	. . . . . {Gear wheel driven mechanism}	2/2356	. . . . . {with internal pawls}
2/1867	. . . . . {Cycloidal or planetary mechanism}		<b>WARNING</b>
2/1871	. . . . . {Worm and worm gear articulations}		Group <a href="#">B60N 2/2362</a> is incomplete pending reclassification of documents from group <a href="#">B60N 2/2356</a> .
2/1875	. . . . . {Racks}		Groups <a href="#">B60N 2/2356</a> and <a href="#">B60N 2/2362</a> should be considered in order to perform a complete search.
2/1878	. . . . . {Hydraulic or pneumatic actuation}		
2/1882	. . . . . {Ratchet mechanism}		
2/1885	. . . . . {with weight compensating means}		
2/1889	. . . . . {and provided with braking systems}		
2/1892	. . . . . {characterised by a lock}		
2/1896	. . . . . {Stepwise movement mechanisms, e.g. ratchets ( <a href="#">B60N 2/1882</a> takes precedence; ratchets in general <a href="#">G05G 7/06</a> )}	2/2358	. . . . . {and provided with memory locks}
		2/236	. . . . . {linearly movable}
2/20	. . the back-rest being tiltable, e.g. to permit easy access ( <a href="#">B60N 2/0224</a> , <a href="#">B60N 2/04</a> , <a href="#">B60N 2/22</a> , <a href="#">B60N 2/3002</a> take precedence)		<b>WARNING</b>
2/203	. . . {taking a position opposite to the original one}		Group <a href="#">B60N 2/236</a> is incomplete pending reclassification of documents from group <a href="#">B60N 2/2356</a> .
2/206	. . . {to a position in which it can be used as a support for objects, e.g. as a tray}		Group <a href="#">B60N 2/2356</a> and <a href="#">B60N 2/236</a> should be considered in order to perform a complete search.
2/22	. . the back-rest being adjustable ( <a href="#">B60N 2/2878</a> takes precedence)}		
2002/2204	. . . {Adjustable back-rest height or length}	2/2362	. . . . . {rotatably movable}
2/2209	. . . {by longitudinal displacement of the cushion, e.g. back-rest hinged on the bottom to the cushion and linked on the top to the vehicle frame}		<b>WARNING</b>
2/2213	. . . {Gear wheel driven mechanism ( <a href="#">B60N 2/2231</a> , <a href="#">B60N 2/225</a> take precedence)}		Group <a href="#">B60N 2/2362</a> is/are incomplete pending reclassification of documents from group <a href="#">B60N 2/2356</a> .
2/2218	. . . {Transversally moving locks}		Group <a href="#">B60N 2/2356</a> and <a href="#">B60N 2/2362</a> should be considered in order to perform a complete search.
2/2222	. . . {the back-rest having two or more parts}		
2/2227	. . . {and provided with braking systems}	2/24	. for particular purposes or particular vehicles
2/2231	. . . {Worm and worm gear articulations}	2/242	. . {Bus seats}
2/2236	. . . {with a transversal pin displaced by a slot or a cam along a predetermined path}	2/245	. . {for handicapped persons ( <a href="#">facilitating access or loading of wheelchairs in ambulances A61G 3/00</a> )}
2/224	. . . {Stepwise movement mechanisms, e.g. ratchets ( <a href="#">ratchets in general G05G 7/06</a> )}	2002/247	. . {to support passengers in a half-standing position}
2/2245	. . . {provided with a lock mechanism on the upper part of the back-rest}	2/26	. . for children ( <a href="#">B60N 2/30</a> takes precedence)
2/225	. . . by cycloidal or planetary mechanisms {( <a href="#">transmissions with orbital motion in general F16H 1/28</a> , <a href="#">F16H 1/32</a> )}	2/265	. . . {Adaptations for seat belts}
2/2251	. . . . {with gears having orbital motion, e.g. sun and planet gears ( <a href="#">in general F16H 1/28</a> )}	2/28	. . . Seats readily mountable on, and dismountable from, existing seats {or other parts} of the vehicle
2/2252	. . . . {in which the central axis of the gearing lies inside the periphery of an orbital gear, e.g. one gear without sun gear ( <a href="#">in general F16H 1/32</a> )}	2/2803	. . . . {Adaptations for seat belts ( <a href="#">seat belts for children in general B60R 22/105</a> )}
2/2254	. . . . {provided with braking systems}	2/2806	. . . . . {securing the child seat to the vehicle}
2/2255	. . . . . {with coiled springs}	2/2809	. . . . . {with additional tether connected to the top of the child seat and passing above the top of the back-rest}
2/2257	. . . . . {with rollers or balls}	2/2812	. . . . . {securing the child to the child seat}
2/2258	. . . . . {with ratchets}	2002/2815	. . . . . {with seat belt accessories, e.g. a belt tension detector}
2/23	. . . by {linear actuators, e.g.} linear screw mechanisms	2002/2818	. . . . . {characterised by guiding means for children belts}
2/231	. . . . . {by hydraulic actuators}	2/2821	. . . . . {having a seat and a base part}
2/232	. . . . . {provided with memory locks}	2/2824	. . . . . {part of the base being supported by the vehicle frame ( <a href="#">B60N 2/289</a> takes precedence)}
2/233	. . . . . {by linear screw mechanisms}		
2/235	. . . by gear-pawl type mechanisms	2/2827	. . . . . {part of the base being supported by the seat sub-frame ( <a href="#">B60N 2/2893</a> takes precedence)}
2/2352	. . . . . {with external pawls}		
2/2354	. . . . . {and provided with memory locks}	2/283	. . . . . {suspended}
		2/2833	. . . . . {back-rest suspended}
		2/2836	. . . . . {window-frame suspended}
		2/2839	. . . . . {having a front guard or barrier}

2/2842	. . . . {adapted to carry the child, when dismantled from the vehicle}	2/3056	. . . . . {along longitudinal axis}
2/2845	. . . . . {having handles}	2/3059	. . . . . {along transversal axis}
2/2848	. . . . . {being convertible or adaptable to a preambulator, e.g. a baby-carriage or a push-chair ( <a href="#">preambulators in general B62B 7/14</a> )}	2/3061	. . . . . {along vertical axis}
2/2851	. . . . . {provided with head-rests}	2/3063	. . . . . {by composed movement}
2/2854	. . . . . {Children's cots; Hammocks ( <a href="#">children's chairs in general A47D 1/00</a> )}	2/3065	. . . . . {in a longitudinal-vertical plane}
2/2857	. . . . . {characterised by the peculiar orientation of the child ( <a href="#">B60N 2/2869 takes precedence</a> )}	2/3068	. . . . . {in a longitudinal-transversal plane}
2/286	. . . . . {forward facing ( <a href="#">B60N 2/2866 takes precedence</a> )}	2/307	. . . . . {in a transversal-vertical plane}
2/2863	. . . . . {backward facing}	2/3072	. . . . {on a lower level of a multi-level vehicle floor}
2/2866	. . . . . {booster cushions, e.g. to lift a child to allow proper use of the conventional safety belts}	2/3075	. . . . . {stowed in recess ( <a href="#">B60N 2/3079 takes precedence</a> )}
2/2869	. . . . . {rotatable about a vertical axis}	2/3077	. . . . . {stowed in the luggage compartment}
2/2872	. . . . . {provided with side rests}	2/3079	. . . . . {in a recess}
2/2875	. . . . . {inclinable, as a whole or partially}	2/3081	. . . . {Seats convertible into parts of the seat cushion or the back-rest or disappearing therein, e.g. for children}
2/2878	. . . . . {the back-rest being inclinable}	2/3084	. . . . . {Disappearing in a recess of the back-rest}
2/2881	. . . . . {Upholstery, padded or cushioned members therefor}	2/3086	. . . . . {Disappearing in a recess of the cushion}
2/2884	. . . . . {with protection systems against abnormal g-forces}	2/3088	. . . . {characterised by the mechanical link}
2/2887	. . . . . {Fixation to a transversal anchorage bar, e.g. isofix}	2/309	. . . . . {rods}
2/289	. . . . . {coupled to the vehicle frame}	2/3093	. . . . . {slides}
2/2893	. . . . . {coupled to the seat sub-frame}	2/3095	. . . . {Auxiliary rear seats accessible from outside the vehicle when in an in-use position}
2002/2896	. . . . . {the child seat being foldable, e.g. to facilitate transport}	2/3097	. . . . {Dismountable seats storable in a non-use position ( <a href="#">B60N 2/015</a> , <a href="#">B60N 2/28</a> take precedence)}
2/30	. . Non-dismountable {or dismountable} seats storable in a non-use position, e.g. foldable spare seats ( <a href="#">convertible for other use B60N 2/32</a> )	2/32	. . convertible for other use
2/3002	. . . . {back-rest movements}	2/34	. . . into a bed ( <a href="#">sleeping arrangements in caravans B60P 3/38</a> )
2/3004	. . . . . {by rotation only}	2/345	. . . . . {by adding parts}
2/3006	. . . . . {about longitudinal axis}	2/36	. . . into a loading platform {( <a href="#">ski-bags in B60R 5/006</a> , <a href="#">B60N 2/065 takes precedence</a> )}
2/3009	. . . . . {about transversal axis}	2002/363	. . . . . {characterised by provisions for enhancing the cargo floor surface, e.g. elements closing gaps or enlarging the back-rest surface}
2/3011	. . . . . {the back-rest being hinged on the cushion, e.g. "portefeuille movement"}	2/366	. . . . . {characterised by the locking device}
2/3013	. . . . . {the back-rest being hinged on the vehicle frame}	2/38	. . specially constructed for use on tractors or like off-road vehicles
2/3015	. . . . . {the axis being located at the top of the back-rest}	2/39	. . . Seats tiltable to compensate for roll inclination of vehicles
2/3018	. . . . . {about vertical axis}	2/40	. . . saddle type
2/302	. . . . . {by translation only}	2/42	. . the seat constructed to protect the occupant from the effect of abnormal g-forces, e.g. crash or safety seats ( <a href="#">for protecting children B60N 2/26</a> ; <a href="#">arm-rests B60N 2/75</a> ; <a href="#">head-rests B60N 2/888</a> )
2/3022	. . . . . {along longitudinal axis}	2/4207	. . . {characterised by the direction of the g-forces}
2/3025	. . . . . {along transversal axis}	2/4214	. . . . . {longitudinal}
2/3027	. . . . . {along vertical axis}	2/4221	. . . . . {due to impact coming from the front}
2/3029	. . . . . {by composed movement}	2/4228	. . . . . {due to impact coming from the rear}
2/3031	. . . . . {in a longitudinal-vertical plane}	2/4235	. . . . . {transversal}
2/3034	. . . . . {in a longitudinal-transversal plane}	2/4242	. . . . . {vertical}
2/3036	. . . . . {in a transversal-vertical plane}	2/4249	. . . {fixed structures, i.e. where neither the seat nor a part thereof are displaced during a crash}
2/3038	. . . {Cushion movements}	2/4256	. . . . {the shape of the seat being specially adapted for a particular purpose or for particular vehicles}
2/304	. . . . . {by rotation only}	2/4263	. . . . . {with anti-submarining systems}
2/3043	. . . . . {about longitudinal axis}	2/427	. . . Seats or parts thereof displaced during a crash
2/3045	. . . . . {about transversal axis}	2/42709	. . . . . {involving residual deformation or fracture of the structure}
2/3047	. . . . . {the cushion being hinged at the back-rest}	2/42718	. . . . . {with anti-submarining systems}
2/305	. . . . . {the cushion being hinged on the vehicle frame}	2/42727	. . . . . {involving substantially rigid displacement}
2/3052	. . . . . {about vertical axis}	2/42736	. . . . . {of the whole seat}
2/3054	. . . . . {by translation only}		

- 2/42745 . . . . . {of the back-rest ([B60N 2/433](#) takes precedence; higher part of the back-rest moving together with the headrest [B60N 2/888](#))}
- 2/42754 . . . . . {of the cushion}
- 2/42763 . . . . . {with anti-submarining systems}
- 2/42772 . . . . . {characterised by the triggering system}
- 2/42781 . . . . . {mechanical triggering}
- 2/4279 . . . . . {electric or electronic triggering}
- 2/43 . . . {Safety locks (for back-rests [B60N 2/433](#))}
- 2/433 . . . Safety locks for back-rests, e.g. with locking bars activated by inertia
- 2/50 . . . Seat suspension devices
- 2/501 . . {actively controlled suspension, e.g. electronic control}
- 2/502 . . {attached to the base of the seat ([B60N 2/504](#) takes precedence)}
- 2/503 . . {attached to the backrest ([B60N 2/504](#) takes precedence)}
- 2/504 . . {attached to the base and the backrest}
- 2/505 . . {Adjustable suspension including height adjustment}
- 2/506 . . {Seat guided by rods}
- 2/507 . . . {Parallelogram-like structure}
- 2/508 . . . {Scissors-like structure}
- 2/509 . . {Seat guided by slides or the like}
- 2/52 . . . using fluid means
- 2/522 . . . {characterised by dampening means}
- 2/525 . . . {using gas}
- 2/527 . . . {using liquids}
- 2/54 . . . using mechanical springs
- 2/542 . . . {made of rubber or other material having high internal friction, e.g. polymers}
- 2/544 . . . {Compression or tension springs ([B60N 2/542](#) takes precedence)}
- 2/546 . . . {Leaf- or flexion springs}
- 2/548 . . . {Torsion springs, e.g. torsion helicoidal springs}
- 2/56 . . . Heating or ventilating devices
- 2/5607 . . {characterised by convection}
- 2/5614 . . . {by liquid}
- 2/5621 . . . {by air}
- 2/5628 . . . . . {coming from the vehicle ventilation system, e.g. air-conditioning system}
- 2/5635 . . . . . {coming from the passenger compartment}
- 2/5642 . . . . . {with circulation of air through a layer inside the seat}
- 2/565 . . . . . {sucked from the seat surface}
- 2/5657 . . . . . {blown towards the seat surface}
- 2/5664 . . . . . {with unforced air circulation, i.e. not using a fan or the like}
- 2/5671 . . . . . {forming a windbreak, e.g. warm air blown on the neck of the passenger of an open vehicle}
- 2/5678 . . {characterised by electrical systems}
- 2/5685 . . . {Resistance}
- 2/5692 . . . {Refrigerating means}
- 2/58 . . . Seat coverings
- 2002/5808 . . {comprising opening zones for airbags}
- 2/5816 . . {attachments thereof}
- 2/5825 . . . {by hooks, staples, clips, snap fasteners or the like}
- 2/5833 . . . {by hook-and-loop type fasteners}
- 2/5841 . . . {by clamping means}
- 2/585 . . . {by buckle passages}
- 2/5858 . . . {by elastic means}
- 2/5866 . . . {by thermal welding}
- 2/5875 . . . {by adhesion, e.g. gluing}
- 2/5883 . . . {by sewing, stitching or threading}
- 2/5891 . . {Manufacturing methods specially adapted therefor}
- 2/60 . . . Removable protective coverings
- 2/6009 . . . {covering more than only the seat}
- 2/6018 . . . {attachments thereof}
- 2/6027 . . . . . {by hooks, staples, clips, snap fasteners or the like}
- 2/6036 . . . . . {by hook and loop-type fasteners}
- 2/6045 . . . . . {by clamping means}
- 2/6054 . . . . . {by buckle passages}
- 2/6063 . . . . . {by elastic means}
- 2/6072 . . . . . {by thermal welding}
- 2/6081 . . . . . {by adhesion, e.g. glueing}
- 2/609 . . . . . {by sewing, stitching or threading}
- 2/62 . . . Thigh-rests ([B60N 2/914](#) takes precedence)}
- 2/64 . . . Back-rests {or cushions ([B60N 2/222](#) takes precedence)}
- 2/643 . . . {shape of the back-rests ([B60N 2/66](#) takes precedence)}
- 2/646 . . . {shape of the cushion}
- 2/66 . . . Lumbar supports
- 2/663 . . . {portable with attachment to the back-rest}
- WARNING**
- Group [B60N 2/663](#) is incomplete pending reclassification of documents from group [B60N 2/66](#).
- Groups [B60N 2/66](#) and [B60N 2/663](#) should be considered in order to perform a complete search.
- 2/665 . . . {using inflatable bladders}
- WARNING**
- Group [B60N 2/665](#) is incomplete pending reclassification of documents from groups [B60N 2/66](#).
- Groups [B60N 2/66](#) and [B60N 2/665](#) should be considered in order to perform a complete search.
- 2/666 . . . {vertically adjustable}
- WARNING**
- Group [B60N 2/666](#) is incomplete pending reclassification of documents from groups [B60N 2/66](#).
- Groups [B60N 2/66](#) and [B60N 2/666](#) should be considered in order to perform a complete search.
- 2/667 . . . {having flexible support member bowed by applied forces}

- 2/6671 . . . . {with cable actuators}
- WARNING**
- Group [B60N 2/6671](#) is/are incomplete pending reclassification of documents from group [B60N 2/66](#).
- Groups [B60N 2/66](#) and [B60N 2/6671](#) should be considered in order to perform a complete search.
- 2/6673 . . . . {with motor driven adjustments}
- WARNING**
- Group [B60N 2/6673](#) is incomplete pending reclassification of documents from group [B60N 2/66](#)
- Groups [B60N 2/66](#) and [B60N 2/6673](#) should be considered in order to perform a complete search.
- 2/68 . . Seat frames
- 2/682 . . {Joining means}
- 2002/684 . . . {the back rest being mounted or joined with an easy attachment system to the seat}
- 2/686 . . {Panel like structures}
- 2/688 . . {Particular seat belt attachment and guiding}
- 2/70 . Upholstery springs {; Upholstery}
- 2/7005 . . {detachable}
- 2/7011 . . {of substantially two-dimensional shape, e.g. hammock-like, plastic shells, fabrics}
- 2/7017 . . {Manufacturing methods specially adapted therefor}
- 2/7023 . . {Coach-like constructions}
- 2/7029 . . . {back-rests}
- 2/7035 . . . {Cushions}
- 2/7041 . . . . {Fixation of covers and springs}
- 2/7047 . . . . {Springs}
- 2/7052 . . . . . {Springs using a combination of metal and rubber}
- 2/7058 . . . . . {Metallic springs}
- 2/7064 . . . . . {helicoidal}
- 2/707 . . . . . {with rubber blocks}
- 2/7076 . . . . . {with rubber bands}
- 2/7082 . . . . . {with air or fluid cushions ([B60N 2/914](#) takes precedence)}
- 2/7088 . . . . . {with valves ([B60N 2/914](#) takes precedence)}
- 2/7094 . . {Upholstery springs}
- 2/72 . . Attachment or adjustment thereof
- 2/75 . Arm-rests
- 2/753 . . {movable to an inoperative position}
- 2/757 . . . {in a recess of the back-rest}
- 2/76 . . . {in a recess of the cushion}
- 2/763 . . {adjustable}
- 2/767 . . . {Angle adjustment}
- 2/77 . . . {Height adjustment}
- 2/773 . . . {Longitudinal adjustment}
- 2/777 . . . {Transversal adjustment}
- 2/78 . . {post or panel mounted}
- 2/783 . . . {sill suspended, e.g. window sill}
- 2/787 . . {detachable}
- 2/79 . . {Adaptations for additional use of the arm-rests}
- 2/793 . . . {for use as storage compartments}
- 2/797 . . . {for use as electrical control means, e.g. switches}
- 2/80 . Head-rests
- 2/803 . . fixed
- WARNING**
- Group [B60N 2/803](#) is incomplete pending reclassification of documents from group [B60N 2/879](#).
- Groups [B60N 2/879](#) and [B60N 2/803](#) should be considered in order to perform a complete search.
- 2/806 . . . movable or adjustable
- WARNING**
- Group [B60N 2/806](#) is incomplete pending reclassification of documents from group [B60N 2/879](#).
- Groups [B60N 2/879](#) and [B60N 2/806](#) should be considered in order to perform a complete search.
- 2/809 . . . . vertically slidable
- 2/812 . . . . . characterised by their locking devices
- 2/815 . . . . . Release mechanisms, e.g. buttons
- 2/818 . . . . . with stepwise positioning
- 2/821 . . . . . with continuous positioning
- 2/824 . . . . . . using springs
- 2/826 . . . . . . using rubber-type material
- 2/829 . . . . . characterised by their adjusting mechanisms, e.g. electric motors
- 2/832 . . . . . movable to an inoperative or stowed position
- 2/835 . . . . . specially adapted for rear seats
- 2/838 . . . . Tiltable
- 2/841 . . . . . characterised by their locking devices
- 2/844 . . . . . Release mechanisms, e.g. buttons
- 2/847 . . . . . with stepwise positioning
- 2/85 . . . . . with continuous positioning
- 2/853 . . . . . characterised by their adjusting mechanisms, e.g. electric motors
- 2/856 . . . . . movable to an inoperative or stowed position
- 2/859 . . . . . specially adapted for rear seats
- 2/862 . . . . . with means for maintaining a desired position when the seat-back is adjusted, e.g. parallelogram mechanisms
- 2/865 . . . . providing a fore-and-aft movement with respect to the occupant's head
- 2/868 . . . . providing a lateral movement parallel to the occupant's shoulder line
- 2/874 . . . . movable to an inoperative or stowed position ([B60N 2/832](#), [B60N 2/856](#) take precedence)
- 2/876 . . . . . specially adapted for rear seats ([B60N 2/835](#), [B60N 2/859](#) take precedence)

- 2/879 . . with additional features not related to head-rest positioning, e.g. heating or cooling devices or loudspeakers
- WARNING**
- Group [B60N 2/879](#) is impacted by reclassification into groups [B60N 2/803](#) and [B60N 2/806](#).
- Groups [B60N 2/879](#), [B60N 2/803](#) and [B60N 2/806](#) should be considered in order to perform a complete search.
- 2/882 . . detachable
- 2/885 . . provided with side-rests
- 2/888 . . with arrangements for protecting against abnormal g-forces, e.g. by displacement of the head-rest
- 2/891 . . with the head-rest being comma-shaped in side view
- 2/894 . . with rods solidly attached to the back-rest
- 2/897 . . with sleeves located in the back-rest for guiding the rods of the head-rest
- 2002/899 . . {characterised by structural or mechanical details not otherwise provided for}
- 2/90 . Details or parts not otherwise provided for
- 2002/905 . . {the head-rest or seat used as an anchorage point, for an object not covered by groups in [B60N](#), e.g. for a canvas}
- 2/91 . . {Panels between front seats}
- 2/914 . . {Hydro-pneumatic adjustments of the shape}
- 2/919 . . {Positioning and locking mechanisms ([B60N 2/16](#), [B60N 2/18](#), [B60N 2/22](#), [B60N 2/225](#) take precedence)}
- 2002/924 . . . {using electric or hydraulic energy}
- 2/929 . . . {linear}
- 2/933 . . . {rotatable}
- 2/938 . . . . {and provided with braking systems}
- 2/943 . . . . {Stepwise movement mechanisms, e.g. ratchets}
- 2002/948 . . . {the actuation of the positioning or locking mechanism for one seat part being dependent on the position of another seat part, e.g. the seats floor lock being unlocked when the back-rest is inclined or the backrest can be tilted only when the seat is in its rear position}
- 2002/952 . . . {characterised by details of the locking system}
- 2002/957 . . . . {the locking system prevents an abnormal or wrong mounting situation, i.e. deployment or functioning of a seat part being prevented if the seat or seat part is not properly mounted}
- 2002/962 . . . . . {the locking system disabling tilting of the back-rest to the vertical position, when the seat is not properly installed}
- 2002/967 . . . . . {the locking system prevents tilt of whole seat by retaining and locking the seat in a vertical storage position}
- 2002/971 . . . . . {the locking system being an element distinct from articulation means, retaining the seat or seat part in its folded position, e.g. controlled by a wire}
- 2/976 . . {massaging systems}
- 2002/981 . . {Warning systems, e.g. the seat or seat parts vibrates to warn the passenger when facing a danger}
- 2/986 . . {Side-rests ([B60N 2/2872](#), [B60N 2/885](#) take precedence)}
- 2/99 . . . {adjustable}
- 2/995 . . {Lower-leg-rests, e.g. calf-rests}
- 3/00 Arrangements or adaptations of other passenger fittings, not otherwise provided for** (of radio sets, television sets, telephones, {stowing or holding appliances} , safety belts or the like [B60R](#))
- 3/001 . {of tables or trays (detachable tables in general with provisions for use in vehicles [A47B 31/06](#))}
- 3/002 . . {of trays}
- 3/004 . . . {of foldable trays mounted on the back-rest}
- 3/005 . . . {mounted on the steering wheel}
- 3/007 . . . {mounted on the window sill}
- 3/008 . {of beds (travelling or camp beds adapted to be used in, or connected to, a vehicle [A47C 17/80](#))}
- 3/02 . of hand grips or straps
- 3/023 . . {movable}
- 3/026 . . {characterised by the fixing means ([B60N 3/023](#) takes precedence)}
- 3/04 . of floor mats {or carpets}
- 3/042 . . {of carpets ([B60N 3/046](#), [B60N 3/048](#) take precedence)}
- 3/044 . . {of removable mats ([B60N 3/046](#), [B60N 3/048](#) take precedence)}
- 3/046 . . {characterised by the fixing means}
- 3/048 . . {characterised by their structure}
- 3/06 . of footrests (floors of road vehicles {[B62D 25/20](#)})
- 3/063 . . {with adjustment systems}
- 3/066 . . {with protection systems against abnormal g-forces}
- 3/08 . of receptacles for refuse, e.g. ash-trays ([ashtrays per se A24F](#))
- 3/083 . . {Ash-trays}
- 3/086 . . . {with refuse evacuation means}
- 3/10 . of receptacles for food or beverages, e.g. refrigerated (picnic sets [A45F](#) {; cup holders in general [A47G 23/02](#)})
- 3/101 . . {fixed}
- 3/102 . . {storable or foldable in a non-use position}
- 3/103 . . {detachable}
- 3/104 . . {with refrigerating or warming systems}
- 3/105 . . {for receptacles of different size or shape}
- 3/106 . . . {with adjustable clamping mechanisms}
- 3/107 . . . {with different elements of fixed geometry}
- 3/108 . . . {with resilient holding elements}
- 3/12 . of receptacles for cigarettes or the like ({[B60N 2/793](#) takes precedence; } receptacles for cigarettes or the like [A24F](#))
- 3/14 . of electrically-heated lighters ({arrangements of lighting devices for vehicle interiors for lighting passenger or driving compartment [B60Q 3/20](#); igniters using electrically-produced heat [F23Q 7/00](#))}
- 3/16 . of cooking or boiling devices (cooking of boiling devices [per se A47](#), [F24C](#))
- 3/18 . of drinking-water {or other beverage} dispensing devices
- 5/00 Arrangements or devices on vehicles for entrance or exit control of passengers, e.g. turnstiles** (turnstiles in general [E06B 11/08](#))

**99/00 Subject matter not provided for in other groups of this subclass**

**2205/00 General mechanical or structural details**

- 2205/20 . Measures for elimination or compensation of play or backlash
- 2205/30 . Seat or seat parts characterised by comprising plural parts or pieces
- 2205/35 . . Seat, bench or back-rests being split laterally in two or more parts
- 2205/40 . Dual or redundant actuating means, e.g. backrest tilting can be actuated alternatively by a lever at the backrest or a lever in the luggage compartment
- 2205/50 . Interlocking shaft arrangements transmitting movement between hinge mechanisms on both sides of a seat