CPC COOPERATIVE PATENT CLASSIFICATION

PERFORMING OPERATIONS; TRANSPORTING В

(NOTES omitted)

TRANSPORTING

B64 AIRCRAFT; AVIATION; COSMONAUTICS

EQUIPMENT FOR FITTING IN OR TO AIRCRAFT; FLIGHT SUITS; PARACHUTES; B64D ARRANGEMENT OR MOUNTING OF POWER PLANTS OR PROPULSION TRANSMISSIONS IN AIRCRAFT

WARNINGS

1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

B64D 15/18 B64D 25/102	covered by covered by	B64D 15/16 B64D 25/10
B64D 25/105	covered by	B64D 25/10
B64D 25/108	covered by	B64D 25/10
B64D 25/11	covered by	B64D 25/10
B64D 25/112	covered by	B64D 25/10
B64D 25/115	covered by	B64D 25/10
B64D 25/118	covered by	<u>B64D 25/10</u>

2. 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.

1/00	Dropping, ejecting, releasing, or receiving articles, liquids, or the like, in flight (with respect to weapon sights devices F41G takes precedence, parachutes per se B64D 17/00; ejectable seats B64D 25/10; ejectable capsules B64D 25/12; refuelling during flight B64D 39/00; launching apparatus for projecting projectiles or missiles F41F 1/00, F41F 7/00; rocket	7/00 7/02	Arrangements of military equipment, e.g. armaments, armament accessories, or military shielding, in aircraft; Adaptations of armament mountings for aircraft (dropping bombs or the like <u>B64D 1/00</u> ; armaments or mountings therefor <u>per se F41</u>) the armaments being firearms
1 /02	or torpedo launchers <u>F41F 3/00</u>)	7/04	fixedly mounted
1/02	• Dropping, ejecting, or releasing articles (jettisonable	7/06	• movably mounted
1/04	 fuel reservoirs <u>B64D 37/12</u>) the articles being explosive, e.g. bombs (arming or setting bomb fuzes <u>F42C</u>) 	7/08	 Arrangements of rocket launchers {or releasing means}(rocket launchers <u>per se</u>, e.g. rocket pods, F41F 3/06)
1/06	Bomb releasing; Bombs doors	0/00	English A. C. and B. and B. and C. an
1/08	 the articles being load-carrying devices 	9/00	Equipment for handling freight; Equipment for facilitating passenger embarkation or the like
1/10	• • • Stowage arrangements for the devices in aircraft		(emergency equipment <u>B64D 17/00</u> , <u>B64D 19/00</u> , <u>B64D 25/00</u> ; structures integral with fuselage to
1/12	Releasing		facilitate loading, fuselage floors specially adapted
1/14	Absorbing landing shocks		for freight, steps mounted on and retractable within
1/16	 Dropping or releasing powdered, liquid, or gaseous 		aircraft <u>B64C</u> ; ground installations <u>B64F</u>)
	matter, e.g. for fire-fighting (jettisoning fuel <u>B64D 37/26</u>)	9/003	• {Devices for retaining pallets or freight containers (securing freight containers on vehicles B60P 7/00)}
1/18	• • by spraying, e.g. insecticides (spraying apparatus	2009/006	• {Rollers or drives for pallets of freight containers,
	<u>per se</u> <u>B05B</u>)	20037000	e.g. PDU}
1/20	for sky-writing		
1/22	Taking-up articles from earth's surface	10/00	Flight suits (helmets in general A42B 3/00; breathing helmets A62B 18/00)
3/00	Aircraft adaptations to facilitate towing or being	2010/002	• {Anti-g suits or garments}
	towed (B64D 39/00 takes precedence)	2010/005	• {High altitude suits or garments, e.g. partial or total
3/02	• for towing targets	2010/003	pressure}
5/00	Aircraft transported by aircraft, e.g. for release	2010/007	• {Suits with cooling or heating means}
	or reberthing during flight (flying units formed by separate aircraft <u>B64C 37/02</u>)	11/00	Passenger or crew accommodation; Flight-deck installations not otherwise provided for

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11/0007	• {Devices specially adapted for food or beverage	11/0626	• • { with individual temperature or ventilation
11/0007	distribution services }	11/0020	control}
11/0015	• {Arrangements for entertainment or	11/0627	• • {Seats combined with storage means}
	communications, e.g. radio, television}	11/0629	{the storage means being specially adapted for
11/00151	• • {Permanently mounted seat back monitors}		emergency equipment}
11/00152	• • {Seat back fixtures for removable monitors, e.g.	11/0631	• • • { for life vests }
	tablet computers}	11/0632	• • • { for breathing apparatus }
11/00153	• • {Monitors mounted on or in the seat other than	11/0633	• • • • {for devices other than life vests and
11/00154	the seat back}		intended for external use, e.g. parachutes or
11/00154 11/00155	• • {Loudspeakers mounted in the seat back}	11/0626	life rafts}
11/00155	Individual entertainment or communication system remote controls therefor, located in or	11/0636	 . • {Personal storage means or waste disposal bags}
	connected to seat components, e.g. to seat back or	11/0638	• {with foldable tables, trays or cup holders}
	arm rest}	11/0639	• • { with features for adjustment or converting of
11/0023	• {Movable or removable cabin dividers, e.g. for class		seats}
	separation (bulkheads <u>B64C 1/10</u>)}	11/06395	{characterised by the arrangement of electric
11/003	• {Stowage devices for passengers' personal luggage}		motors for adjustment}
2011/0038	• {Illumination systems for cabins as a whole}	11/064	• • • {Adjustable inclination or position of seats}
2011/0046	• {Modular or preassembled units for creating cabin	11/0641	• • • {Seats convertible into beds}
2011/0052	interior structures}	11/0642	{Adjustable headrests}
	{Cabin passenger reading lights}{Windows displaying outside view, artificially	11/0643	{Adjustable foot or leg rests}
2011/0001	generated}	11/0644	{Adjustable arm rests}
2011/0069	• {Rest berths, beds or the like}	11/0646	 {Seats characterised by special features of stationary arms, foot or head rests}
	• (for crew members, e.g. for sleeping during	11/0647	Seats characterised by special upholstery or
	flight}	11/004/	cushioning features}
2011/0084	• • {Bed units for passengers attached to the ceiling	11/0648	• • {Lower frame constructions}
	of the fuselage}	11/0649	{Seats characterised by special features for
2011/0092	• • {Arrangements for mounting stretchers in aircraft		reducing weight}
11/02	cabins}	11/0689	• • {specially adapted for pilots}
11/02	• Toilet fittings (of general application <u>A47K</u>)	11/0691	• • {specially adapted for cabin crew}
11/04 11/06	Galleys{Arrangements of seats, or adaptations or	11/0693	• • {Width modification of seat assemblies, e.g. for
11/00	details specially adapted for aircraft seats (crew	11/0/07	class modification}
	seat constructions for emergency purposes	11/0696	 {Means for fastening seats to floors, e.g. to floor rails}
	<u>B64D 25/04</u>)}	11/0697	• {Seats suspended from aircraft ceiling}
11/0601	• • {Arrangement of seats for non-standard seating	11/0698	{Seats suspended from aircraft walls}
	layouts, e.g. seats staggered horizontally or		
	vertically, arranged in an angled or fishbone	13/00	Arrangements or adaptations of air-treatment
	layout, or facing in other directions than the direction of flight}		apparatus for aircraft crew or passengers, or freight space {, or structural parts of the aircraft}
11/0602	• • {Seat modules, i.e. seat systems including		(treatment rooms with artificial climate for medical
	furniture separate from the seat itself}		purposes A61G 10/02; respiratory apparatus in
11/0604	• • {including a bed, e.g. cocoon type passenger		general A62B; for vehicles in general B60H)
	seat modules}	2013/003	• {Cabin ventilation nozzles}
11/0605	• • · {including tables or desks}	13/006	• {the air being used to cool structural parts of the
11/0606	• • {with privacy shells, screens, separators or the	12/02	aircraft}
11/0607	like (class dividers <u>B64D 11/0023</u>)} • {with devices specially adapted for exercising	13/02 13/04	the air being pressurisedAutomatic control of pressure
11/0007	during travel; with devices specially adapted to	13/04	 Automatic control of pressure the air being conditioned (pressurising <u>B64D 13/02</u>)
	prevent thrombosis}	2013/0603	Environmental Control Systems }
11/0611	• • {with means for holding the passenger in a	2013/0607	• • {providing hot air or liquid for deicing aircraft
	standing position}		parts, e.g. aerodynamic surfaces or windows}
11/0612	• • {specially adapted for children}	2013/0611	• • {combined with auxiliary power units (APU's)}
11/0616	• • {with ejection means}	2013/0614	• • { with subsystems for cooling avionics }
11/0619	• • {with energy absorbing means specially adapted	2013/0618	• • • { with arrangements for reducing or managing
	for mitigating impact loads for passenger seats,	2012/2	bleed air, using another air source, e.g. ram air}
11/062	e.g. at a crash}• {Belts or other passenger restraint means for	2013/0622	{used in combination with boundary layer
11/002	passenger seats}	2013/0625	control systems} {comprising means for distribution effusion of
11/06205	• • {Arrangements of airbags}	2013/0023	conditioned air in the cabin}
11/0621	• • • {Airbag initiation or activation means}	2013/0629	
11/0624	• • {Arrangements of electrical connectors, e.g. for		special loads}
	earphone, internet or electric supply}		• ,

earphone, internet or electric supply}

2012/0622	{including chemical reaction-based thermal	17/20	romanda in anaa
2013/0055	management systems}	17/20 17/22	variable in area
2012/0627	• • {with CO ₂ removers}		. Load suspension
		17/24	. Rigging lines
2013/004	• • • {comprising more than one system, e.g. dual systems}	17/26	attached to hem of canopy
2013/0644	{including electric motors or generators}	17/28	attached to apex of canopy
		17/30	Harnesses (harnesses per se A62B)
2013/0048	• • { with energy recovery means, e.g. using turbines }	17/32	Construction of quick-release box
2012/0651	• • {comprising filters, e.g. dust filters}	17/34	adapted to control direction or rate of descent
		17/343	• • • {by reefing means}
	{with zone or personal climate controls}	17/346	• • • {by anti-squid lines}
2013/0039	{comprising provisions for cooling fuel	17/36	incorporating friction devices or frangible
2012/0662	systems}		connections to reduce shock loading of canopy
	(with humidity control)		{(<u>B64D 17/343</u> , <u>B64D 17/346</u> take precedence)}
2013/0000	• • • {with means for preventing icing within the ECS components}	17/38	Releasable fastening devices between parachute
2012/067	• • {with air ionizers}	15/000	and load or pack
	{comprising liquid subsystems}	17/383	{Cargo release hooks}
		17/386	• • {Devices adapted to cut lines or straps}
2013/06//	{comprising on board oxygen generator	17/40	. Packs
2012/0691	systems}	17/42	rigid
	• • {with oxygen control}	17/44	forming part of load
	{with ozone control}	17/46	Closing means
	• • • {with means for recirculating cabin air}	17/48	 with separate pack for extractor of auxiliary
2013/0692	• • • {with special provisions against smoke from		parachute
2012/0606	cigarettes}	17/50	 formed with separate compartments for main
	• • • {with provisions for starting power plants}		canopy, rigging lines, or auxiliary parachute
13/08	the air being heated or cooled	17/52	• Opening, e.g. manual
15/00	De-icing or preventing icing on exterior surfaces	17/54	automatic
	of aircraft (motor vehicles specially adapted for	17/56	responsive to barometric pressure
	carrying de-icing equipment <u>B60P</u>)	17/58	• • • responsive to time-delay mechanism
15/02	 by ducted hot gas or liquid 	17/60	• • • by static line
15/04	Hot gas application	17/62	 Deployment
		17/64	by extractor parachute
15/06	. Liquid application (in general <u>B05</u>)	17/64 17/66	by extractor parachuteattached to hem of main canopy
15/06 15/08	Liquid application (in general <u>B05</u>)exuded from surface		
15/06 15/08 15/10	 Liquid application (in general B05) exuded from surface sprayed over surface 	17/66	attached to hem of main canopy
15/06 15/08	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in 	17/66 17/68	attached to hem of main canopyattached to apex of main canopyby springs
15/06 15/08 15/10 15/12	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) 	17/66 17/68 17/70	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means
15/06 15/08 15/10 15/12	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface 	17/66 17/68 17/70 17/72	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means}
15/06 15/08 15/10 15/12 15/14 15/16	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means 	17/66 17/68 17/70 17/72 17/725 17/74	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies
15/06 15/08 15/10 15/12 15/14 15/16 15/163	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} 	17/66 17/68 17/70 17/72 17/725 17/74 17/76	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes
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15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Testing of parachutes Training of parachutists Emergency apparatus or devices, not otherwise
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15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/18 {for gliding chutes} formed with two or more canopies arranged about a common axis 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Testing of parachutes Training of parachutists Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015};
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/18 . {for gliding chutes} formed with two or more canopies arranged about a common axis formed with two or more canopies arranged in a 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Testing of parachutes Training of parachutists Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015}; safety belts or body harnesses in general A62B 35/00;
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/04 - B64D 17/18 . {for gliding chutes} formed with two or more canopies arranged about a common axis formed with two or more canopies arranged in a cluster 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Training of parachutes Training of parachutes Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015}; safety belts or body harnesses in general A62B 35/00; safety belts or body harnesses for land vehicles
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/04 - B64D 17/18 . {for gliding chutes} formed with two or more canopies arranged about a common axis formed with two or more canopies arranged in a cluster Secondary or shock-absorbing canopies attached 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Testing of parachutes Training of parachutes Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015}; safety belts or body harnesses in general A62B 35/00; safety belts or body harnesses for land vehicles B60R 22/00; jettisonable parts of fuselage facilitating
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02 17/02 17/04 17/06	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/04 - B64D 17/18 . {for gliding chutes} formed with two or more canopies arranged about a common axis formed with two or more canopies arranged in a cluster Secondary or shock-absorbing canopies attached to load line 	17/66 17/68 17/70 17/72 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00 25/00	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Testing of parachutes Training of parachutess Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015}; safety belts or body harnesses in general A62B 35/00; safety belts or body harnesses for land vehicles B60R 22/00; jettisonable parts of fuselage facilitating emergency escape B64C)
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02 17/02 17/04 17/06 17/08	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/04 - B64D 17/18 . {for gliding chutes} formed with two or more canopies arranged about a common axis formed with two or more canopies arranged in a cluster Secondary or shock-absorbing canopies attached to load line Ribbon construction or the like 	17/66 17/68 17/70 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00 25/00	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Testing of parachutes Training of parachutess Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015}; safety belts or body harnesses in general A62B 35/00; safety belts or body harnesses for land vehicles B60R 22/00; jettisonable parts of fuselage facilitating emergency escape B64C) Supports or holding means for living bodies
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02 17/02 17/04 17/06	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/04 - B64D 17/18 . {for gliding chutes} formed with two or more canopies arranged about a common axis formed with two or more canopies arranged in a cluster Secondary or shock-absorbing canopies attached to load line Ribbon construction or the like constructed to provide variable or non-uniform 	17/66 17/68 17/70 17/72 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00 25/00	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Testing of parachutes Training of parachutess Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015}; safety belts or body harnesses in general A62B 35/00; safety belts or body harnesses for land vehicles B60R 22/00; jettisonable parts of fuselage facilitating emergency escape B64C) Supports or holding means for living bodies Seat modifications
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02 17/02 17/02 17/04 17/06 17/08	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/18 . {for gliding chutes} formed with two or more canopies arranged about a common axis formed with two or more canopies arranged in a cluster Secondary or shock-absorbing canopies attached to load line Ribbon construction or the like constructed to provide variable or non-uniform porosity over area of canopy 	17/66 17/68 17/70 17/72 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00 25/00 25/02 25/04 25/06	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Testing of parachutes Training of parachutess Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015}; safety belts or body harnesses in general A62B 35/00; safety belts or body harnesses for land vehicles B60R 22/00; jettisonable parts of fuselage facilitating emergency escape B64C) Supports or holding means for living bodies Seat modifications Harnessing
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02 17/02 17/04 17/06 17/08 17/10 17/12	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/18 . {for gliding chutes} formed with two or more canopies arranged about a common axis formed with two or more canopies arranged in a cluster Secondary or shock-absorbing canopies attached to load line Ribbon construction or the like constructed to provide variable or non-uniform porosity over area of canopy with skirt or air-deflecting panels 	17/66 17/68 17/70 17/72 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00 25/00 25/06 25/08	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Training of parachutes Training of parachutes Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015}; safety belts or body harnesses in general A62B 35/00; safety belts or body harnesses for land vehicles B60R 22/00; jettisonable parts of fuselage facilitating emergency escape B64C) Supports or holding means for living bodies Seat modifications Harnessing Ejecting or escaping means (escape apertures B64C)
15/06 15/08 15/10 15/12 15/14 15/16 15/163 15/166 15/20 15/22 17/00 17/02 17/02 17/02 17/04 17/06 17/08	 Liquid application (in general B05) exuded from surface sprayed over surface by electric heating (electric heating elements in general H05B) controlled cyclically along length of surface by mechanical means {using electro-impulsive devices} {using pneumatic boots} Means for detecting icing or initiating de-icing Automatic initiation by icing detector Parachutes (non canopied parachutes B64D 19/00) Canopy arrangement or construction NOTE B64D 17/025 takes precedence over B64D 17/18 . {for gliding chutes} formed with two or more canopies arranged about a common axis formed with two or more canopies arranged in a cluster Secondary or shock-absorbing canopies attached to load line Ribbon construction or the like constructed to provide variable or non-uniform porosity over area of canopy 	17/66 17/68 17/70 17/72 17/72 17/725 17/74 17/76 17/78 17/80 19/00 19/02 21/00 23/00 25/00 25/02 25/04 25/06	 attached to hem of main canopy attached to apex of main canopy by springs by explosive or inflatable means {by explosive means} Sequential deployment of a plurality of canopies facilitated by method of folding or packing in association with other load-retarding apparatus in association with aircraft, e.g. for braking thereof Non-canopied parachutes Rotary-wing parachutes Testing of parachutes Training of parachutess Emergency apparatus or devices, not otherwise provided for (parachutes B64D 17/00, B64D 19/00; jettisoning of fuel tanks or fuel per se B64D 37/00; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems B64D 45/0015}; safety belts or body harnesses in general A62B 35/00; safety belts or body harnesses for land vehicles B60R 22/00; jettisonable parts of fuselage facilitating emergency escape B64C) Supports or holding means for living bodies Seat modifications Harnessing

25/14	Inflatable escape chutes	27/30	Aircraft characterised by electric power plants
25/16	Dinghy stowage		WARNING
25/18	• • Flotation gear (aircraft alighting gear <u>B64C</u>)		
25/20	 Releasing of crash position indicators 		Groups <u>B64D 27/30</u> , <u>B64D 27/31</u> , <u>B64D 27/32</u> , <u>B64D 27/34</u> , <u>B64D 27/35</u> ,
27/00	Arrangement or mounting of power plants in aircraft; Aircraft characterised by the type or position of power plants		B64D 27/351 and B64D 27/355 are incomplete pending reclassification of documents from group B64D 27/24.
2027/005	• {Aircraft with an unducted turbofan comprising contra-rotating rotors, e.g. contra-rotating open rotors [CROR]}		All groups listed in this Warning should be considered in order to perform a complete search.
27/02	 Aircraft characterised by the type or position of power plants (fuselages specially adapted for mounting power plants <u>B64C 1/16</u>; wings specially adapted for power plants <u>B64C 3/32</u>) 	27/31 27/32 27/33	within, or attached to, wingswithin, or attached to, fuselagesHybrid electric aircraft
	WARNING		WARNING
	Group B64D 27/02 is impacted by reclassification into groups B64D 27/026, B64D 27/33, B64D 27/357, B64D 27/359, B64D 31/16, B64D 31/18 and B64D 35/021 - B64D 35/025. All groups listed in this Warning should be considered in order to perform a complete search.	27/34 27/35	Group B64D 27/33 is incomplete pending reclassification of documents from groups B64D 27/02 and B64D 27/24. Groups B64D 27/33, B64D 27/02 and B64D 27/24 should be considered in order to perform a complete search. Arrangements for an board electric apersy.
27/023	 {of rocket type, e.g. for assisting taking-off or braking} 	27/351	Arrangements for on-board electric energy production, distribution, recovery or storage prints energy recovery.
27/026	• • {comprising different types of power plants, e.g.	27/353	 using energy recovery using solar cells
	combination of a piston engine and a gas-turbine	211333	-
	(Hybrid electric aircraft <u>B64D 27/33</u>)}		<u>WARNING</u>
	WARNING Group B64D 27/026 is incomplete pending reclassification of documents from group B64D 27/02. Groups B64D 27/026 and B64D 27/02 should be considered in order to perform a complete search.		Group <u>B64D 27/353</u> is incomplete pending reclassification of documents from group <u>B64D 27/24</u> . Group <u>B64D 27/353</u> is also impacted by reclassification into group <u>B64U 50/31</u> . Groups <u>B64D 27/353</u> , <u>B64D 27/24</u> and <u>B64U 50/31</u> should be considered in order to perform a complete search.
27/04	• of piston type	27/355	using fuel cells
27/06	within, or attached to, wings	27/357	using batteries
27/08	• • within, or attached to, fuselages		WARNING
27/10 27/12	 of gas-turbine type (jet aircraft <u>B64D 27/16</u>) within, or attached to, wings 		
27/14	within, or attached to, fuselageswithin, or attached to, fuselages		Group <u>B64D 27/357</u> is incomplete pending reclassification of documents
27/16	• of jet type		from groups <u>B64D 27/02</u> and
27/18	within, or attached to, wings		<u>B64D 27/24</u> .
27/20	within, or attached to, fuselages		Groups <u>B64D 27/357</u> , <u>B64D 27/02</u> ,
27/22	• using atomic energy		B64D 27/24 should be considered in order
27/24	using steam or spring force (jet aircraft		to perform a complete search.
	<u>B64D 27/16</u>)	27/359	using capacitors
	WARNING		<u>WARNING</u>
	Group <u>B64D 27/24</u> is impacted by reclassification into groups <u>B64D 27/30</u> , <u>B64D 27/31</u> , <u>B64D 27/32</u> , <u>B64D 27/33</u> , <u>B64D 27/34</u> , <u>B64D 27/35</u> , <u>B64D 27/351</u> , <u>B64D 27/353</u> , <u>B64D 27/355</u> , <u>B64D 27/357</u> , <u>B64D 27/359</u> , <u>B64D 31/16</u> , <u>B64D 31/18</u> and		Group <u>B64D 27/359</u> is incomplete pending reclassification of documents from groups <u>B64D 27/02</u> and <u>B64D 27/24</u> . Groups <u>B64D 27/359</u> , <u>B64D 27/02</u> and
	B64D 35/021 - B64D 35/025. All groups listed in this Warning should be		B64D 27/24 should be considered in order to perform a complete search.
	considered in order to perform a complete search.		

search.

27/40 . Arrangements for mounting power plants in aircraft 31/06 . . actuated automatically WARNING WARNING Group B64D 27/40 is impacted by Group B64D 31/06 is impacted by reclassification into groups B64D 27/402, reclassification into group B64D 31/09. B64D 27/404 and B64D 27/406. Groups B64D 31/06 and B64D 31/09 should All groups listed in this Warning should be be considered in order to perform a complete considered in order to perform a complete search. search. 31/08 . . for keeping cruising speed constant 27/402 • • {comprising box like supporting frames, e.g. 31/09 . . . in response to power plant failure pylons or arrangements for embracing the power WARNING Group B64D 31/09 is incomplete pending WARNING reclassification of documents from group Group B64D 27/402 is incomplete pending B64D 31/06. reclassification of documents from group Groups B64D 31/09 and B64D 31/06 B64D 27/40. should be considered in order to perform a Groups B64D 27/402 and B64D 27/40 should complete search. be considered in order to perform a complete 31/10 . . . for preventing asymmetric thrust 31/12 . . . for equalising or synchronising power plants . . {Suspension arrangements specially adapted for 27/404 31/14 . Transmitting means between initiating means and supporting vertical loads} power plants 31/16 . for electric power plants WARNING **WARNING** Group B64D 27/404 is incomplete pending reclassification of documents from group Groups B64D 31/16 and B64D 31/18 B64D 27/40. are incomplete pending reclassification Groups <u>B64D 27/404</u> and <u>B64D 27/40</u> should of documents from groups B64D 27/02, be considered in order to perform a complete B64D 27/24 and B64D 31/00. search. All groups listed in this Warning should be considered in order to perform a complete 27/406 • • {Suspension arrangements specially adapted for search. supporting thrust loads, e.g. thrust links} 31/18 . . for hybrid-electric power plants WARNING Group B64D 27/406 is incomplete pending 33/00 Arrangements in aircraft of power plant parts or reclassification of documents from group auxiliaries not otherwise provided for B64D 27/40. 33/02 . of combustion air intakes (air intakes for gas-turbine plants or jet-propulsion plants per se F02C 7/04; Groups B64D 27/406 and B64D 27/40 should be considered in order to perform a complete air intakes for combustion engines in general F02M 35/00) search. 2033/0206 . . {comprising noise reduction means, e.g. acoustic 29/00 Power-plant nacelles, fairings, or cowlings (nacelles liners } not otherwise provided for **B64C**) 2033/0213 . . {specially adapted for auxiliary power units 29/02 associated with wings (wings adapted for mounting (APU's)} power plant B64C) 2033/022 . . {comprising bird or foreign object protections} 29/04 . associated with fuselages 2033/0226 • • {comprising boundary layer control means} . Attaching of nacelles, fairings or cowlings 29/06 2033/0233 . . {comprising de-icing means} 29/08 . Inspection panels for power plants 2033/024 . . {comprising cooling means} 2033/0246 . . {comprising particle separators} 31/00 Power plant control systems; Arrangement of 2033/0253 . . {specially adapted for particular type of aircraft} power plant control systems in aircraft 2033/026 . . . {for supersonic or hypersonic aircraft} WARNING 2033/0266 . . {specially adapted for particular type of power Group B64D 31/00 is impacted by reclassification plants} into groups <u>B64D 31/16</u> and <u>B64D 31/18</u>. 2033/0273 . . . {for jet engines} Groups B64D 31/00, B64D 31/16 and B64D 31/18 2033/028 . . . {for piston engines} should be considered in order to perform a 2033/0286 . . . {for turbofan engines} complete search. 2033/0293 . . . {for turboprop engines} 33/04 . of exhaust outlets or jet pipes (exhaust outlets for 31/02 . Initiating means combustion engines in general F01N; jet pipes or 31/04 . . actuated personally nozzles for jet-propulsion plants per se F02K; plants characterised by the form or arrangement of the jet pipe or nozzle <u>F02K</u> {; attitude, flight direction, or altitude control by jet reaction <u>B64C</u>})

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2033/045	• • {comprising infrared suppressors}	37/08	Internal partitioning
33/06	• • {Silencing exhaust or propulsion jets (ground	37/10	to facilitate fuel pressurisation
	installations <u>B64F</u>)}	37/12	jettisonable
33/08	 of power plant cooling systems (cooling of internal- combustion engines <u>per se F01P</u>; cooling of gas- 	37/14	 Filling or emptying (transferring fuels to adjust aircraft trim <u>B64C</u>)
	turbine plants or jet-propulsion plants <u>per se F02C</u> , F02K)	37/16	• • • Filling systems (ground installations for fuelling aircraft <u>B64F</u>)
33/10	Radiator arrangement	37/18	Conditioning fuel during filling
33/12	of retractable type	37/20	Emptying systems
		37/22	facilitating emptying in any position of tank
35/00	Transmitting power from power plants	37/24	using gas pressure
	to propellers or rotors; Arrangements of	37/24	Jettisoning of fuel
25/02	transmissions	37/28	Control thereof
35/02	 specially adapted for specific power plants 	37/28	Fuel systems for specific fuels
	WARNING	37/30	 Safety measures not otherwise provided for, e.g.
	Group <u>B64D 35/02</u> is impacted by	31/32	preventing explosive conditions (extinguishing or
	reclassification into groups <u>B64D 35/021</u> ,		preventing fires in aircraft <u>A62C</u>)
	B64D 35/022, B64D 35/023, B64D 35/024,	2037/325	{Fuel tanks with provisions for reduction}
	B64D 35/025 and B64D 35/026.	2037/323	hydraulic ram shocks due to projectile impacts}
	All groups listed in this Warning should be	37/34	Conditioning fuel, e.g. heating (during filling)
	considered in order to perform a complete search.	31134	B64D 37/18)
	search.	39/00	Refuelling during flight (filling or emptying fuel
35/021	for electric power plants		tanks <u>B64D 37/14</u>)
	WARNING	39/02	 Means for paying-in or out hose
		39/04	 Adaptations of hose construction (pipes in general
	Groups <u>B64D 35/021</u> , <u>B64D 35/022</u> ,		<u>F16L</u>)
	B64D 35/023, B64D 35/024 and B64D 35/025	39/06	 Connecting hose to aircraft; Disconnecting hose
	are incomplete pending reclassification		therefrom
	of documents from groups B64D 27/02,	41/00	Dawen installations for avviling numeros
	B64D 27/24 and B64D 35/02.	2041/002	Power installations for auxiliary purposes • Mounting arrangements for auxiliary power units
	All groups listed in this Warning should be	2041/002	(APU's)}
	considered in order to perform a complete	2041/005	• {Fuel cells}
	search.	41/007	
35/022	of hybrid-electric type	41/00/	• {Ram air turbines}
		43/00	Arrangements or adaptations of instruments
35/023 35/024	• • • of series-parallel type	43/00	(arrangements of cameras <u>B64D 47/08</u> ; aeronautical
35/023	 of series-parallel type of series type		•
35/023 35/024 35/025	 of series-parallel type of series type of parallel type	43/00 43/02	(arrangements of cameras <u>B64D 47/08</u> ; aeronautical
35/023 35/024	 of series-parallel type of series type of parallel type the electric power plant being integral with the 	43/02	(arrangements of cameras <u>B64D 47/08</u> ; aeronautical measuring instruments <u>per se G01C</u>) for indicating aircraft speed or stalling conditions
35/023 35/024 35/025	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor 		(arrangements of cameras <u>B64D 47/08</u> ; aeronautical measuring instruments <u>per se G01C</u>) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise
35/023 35/024 35/025	 of series-parallel type of series type of parallel type the electric power plant being integral with the 	43/02 45/00	(arrangements of cameras <u>B64D 47/08</u> ; aeronautical measuring instruments <u>per se G01C</u>) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage <u>F41H 3/00</u>)
35/023 35/024 35/025	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending	43/02	(arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) Devices specially adapted to indicate the position
35/023 35/024 35/025	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group 	43/02 45/00	(arrangements of cameras <u>B64D 47/08</u> ; aeronautical measuring instruments <u>per se G01C</u>) • for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage <u>F41H 3/00</u>) • {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing
35/023 35/024 35/025	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. 	43/02 45/00 45/0005	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear}
35/023 35/024 35/025	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 	43/02 45/00 45/0005	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} . {for indicating symmetry of flaps deflection}
35/023 35/024 35/025	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a 	43/02 45/00 45/0005	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection
35/023 35/024 35/025	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 	43/02 45/00 45/0005	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems}
35/023 35/024 35/025 35/026	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. 	43/02 45/00 45/0005 2045/001 45/0015	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection
35/023 35/024 35/025	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. . characterised by the transmission driving a plurality 	43/02 45/00 45/0005 2045/001 45/0015	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} {means on aircraft for restricting unauthorized access to the aircraft}
35/023 35/024 35/025 35/026	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors 	43/02 45/00 45/0005 2045/001 45/0015 45/0018	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} {means on aircraft for restricting unauthorized access to the aircraft} {means for restricting access to flight deck}
35/023 35/024 35/025 35/026 35/04 35/06	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors the propellers or rotors being counter-rotating 	43/02 45/00 45/0005 2045/001 45/0015 45/0021	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} {means on aircraft for restricting unauthorized access to the aircraft}
35/023 35/024 35/025 35/026	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors the propellers or rotors being counter-rotating characterised by the transmission being driven by a 	43/02 45/00 45/0005 2045/001 45/0015 45/0021	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} • {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} • {means on aircraft for restricting unauthorized access to the aircraft} • {means for restricting access to flight deck} • {by creating a secure space between the flight deck and cabin}
35/023 35/024 35/025 35/026 35/04 35/06 35/08	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors the propellers or rotors being counter-rotating characterised by the transmission being driven by a plurality of power plants 	43/02 45/00 45/0005 2045/001 45/0015 45/0021 45/0026	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} {means on aircraft for restricting unauthorized access to the aircraft} {means for restricting access to flight deck} {by creating a secure space between the flight
35/023 35/024 35/025 35/026 35/04 35/06	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. . characterised by the transmission driving a plurality of propellers or rotors . the propellers or rotors being counter-rotating . characterised by the transmission being driven by a plurality of power plants Arrangements in connection with fuel supply for	43/02 45/00 45/0005 2045/001 45/0015 45/0021 45/0026	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} . {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} . {means on aircraft for restricting unauthorized access to the aircraft} . {means for restricting access to flight deck} . {by creating a secure space between the flight deck and cabin} . {doors or door arrangements specially adapted
35/023 35/024 35/025 35/026 35/04 35/06 35/08 37/00	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. . characterised by the transmission driving a plurality of propellers or rotors . the propellers or rotors being counter-rotating . characterised by the transmission being driven by a plurality of power plants Arrangements in connection with fuel supply for power plant (refuelling during flight B64D 39/00)	43/02 45/00 45/0005 2045/001 45/0015 45/0018 45/0021 45/0026 45/0028	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} . {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} . {means on aircraft for restricting unauthorized access to the aircraft} . {means for restricting access to flight deck} . {by creating a secure space between the flight deck and cabin} . {doors or door arrangements specially adapted to restrict unauthorized access}
35/023 35/024 35/025 35/026 35/04 35/06 35/08	 of series-parallel type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors the propellers or rotors being counter-rotating characterised by the transmission being driven by a plurality of power plants Arrangements in connection with fuel supply for power plant (refuelling during flight B64D 39/00) {Accessories not provided for in the groups 	43/02 45/00 45/0005 2045/001 45/0015 45/0021 45/0026 45/0028 45/0029	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} . {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} . {means on aircraft for restricting unauthorized access to the aircraft} . {means for restricting access to flight deck} . {by creating a secure space between the flight deck and cabin} . {doors or door arrangements specially adapted to restrict unauthorized access} . {electrically actuated}
35/023 35/024 35/025 35/026 35/04 35/06 35/08 37/00 37/005	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors the propellers or rotors being counter-rotating characterised by the transmission being driven by a plurality of power plants Arrangements in connection with fuel supply for power plant (refuelling during flight B64D 39/00) {Accessories not provided for in the groups B64D 37/02 - B64D 37/28} 	43/02 45/00 45/0005 2045/001 45/0015 45/0021 45/0026 45/0028 45/0029	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} • {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} • {means on aircraft for restricting unauthorized access to the aircraft} • {means for restricting access to flight deck} • {by creating a secure space between the flight deck and cabin} • {doors or door arrangements specially adapted to restrict unauthorized access} • {electrically actuated} • {means for overriding or restricting access to
35/023 35/024 35/025 35/026 35/04 35/06 35/08 37/00	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors the propellers or rotors being counter-rotating characterised by the transmission being driven by a plurality of power plants Arrangements in connection with fuel supply for power plant (refuelling during flight B64D 39/00) {Accessories not provided for in the groups B64D 37/02 - B64D 37/28} Tanks (tanks constructed integrally with aircraft 	43/02 45/00 45/0005 2045/001 45/0015 45/0021 45/0026 45/0028 45/0029 45/0031	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} {means on aircraft for restricting unauthorized access to the aircraft} {means for restricting access to flight deck} {by creating a secure space between the flight deck and cabin} {doors or door arrangements specially adapted to restrict unauthorized access} {electrically actuated} {means for overriding or restricting access to flight controls}
35/023 35/024 35/025 35/026 35/04 35/06 35/08 37/00 37/005	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors the propellers or rotors being counter-rotating characterised by the transmission being driven by a plurality of power plants Arrangements in connection with fuel supply for power plant (refuelling during flight B64D 39/00) {Accessories not provided for in the groups B64D 37/02 - B64D 37/28} Tanks (tanks constructed integrally with aircraft wings B64C; shape or construction of tanks per se	43/02 45/00 45/0005 2045/001 45/0015 45/0021 45/0026 45/0028 45/0029 45/0031 45/0034	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} {means on aircraft for restricting unauthorized access to the aircraft} {means for restricting access to flight deck} {by creating a secure space between the flight deck and cabin} {doors or door arrangements specially adapted to restrict unauthorized access} {electrically actuated} {means for overriding or restricting access to flight controls} {by ground-control override}
35/023 35/024 35/025 35/026 35/04 35/06 35/08 37/00 37/005	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors the propellers or rotors being counter-rotating characterised by the transmission being driven by a plurality of power plants Arrangements in connection with fuel supply for power plant (refuelling during flight B64D 39/00) {Accessories not provided for in the groups B64D 37/02 - B64D 37/28} Tanks (tanks constructed integrally with aircraft wings B64C; shape or construction of tanks per se B65D)	43/02 45/00 45/0005 2045/001 45/0015 45/0021 45/0026 45/0028 45/0029 45/0031 45/0034 45/0036	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} . {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} . {means on aircraft for restricting unauthorized access to the aircraft} . {means for restricting access to flight deck} . {by creating a secure space between the flight deck and cabin} . {doors or door arrangements specially adapted to restrict unauthorized access} {electrically actuated} . {means for overriding or restricting access to flight controls} {by ground-control override} . {by disabling or restraining attackers} {by electrical shock}
35/023 35/024 35/025 35/026 35/04 35/06 35/08 37/00 37/005	 of series-parallel type of series type of parallel type the electric power plant being integral with the propeller or rotor WARNING Group B64D 35/026 is incomplete pending reclassification of documents from group B64D 35/02. Groups B64D 35/026 and B64D 35/02 should be considered in order to perform a complete search. characterised by the transmission driving a plurality of propellers or rotors the propellers or rotors being counter-rotating characterised by the transmission being driven by a plurality of power plants Arrangements in connection with fuel supply for power plant (refuelling during flight B64D 39/00) {Accessories not provided for in the groups B64D 37/02 - B64D 37/28} Tanks (tanks constructed integrally with aircraft wings B64C; shape or construction of tanks per se	43/02 45/00 45/0005 2045/001 45/0015 45/0021 45/0026 45/0028 45/0029 45/0031 45/0034 45/0036 45/0039	 (arrangements of cameras B64D 47/08; aeronautical measuring instruments per se G01C) for indicating aircraft speed or stalling conditions Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} . {for indicating symmetry of flaps deflection} {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} . {means on aircraft for restricting unauthorized access to the aircraft} . {means for restricting access to flight deck} . {by creating a secure space between the flight deck and cabin} . {doors or door arrangements specially adapted to restrict unauthorized access} {electrically actuated} . {means for overriding or restricting access to flight controls} {by ground-control override} . {by disabling or restraining attackers}

45/0048	• • • {by harnesses, nets, ropes, or the like
45/0051	(<u>B64D 45/0044</u> takes precedence)} • {by monitoring passengers or crew on aircraft}
45/0053	 • (by momenting passengers of crew on ancrare) • (using visual equipment, e.g. cameras)
45/0056	{detecting passenger or crew behavior by
45/0050	sensors, e.g. biometrics}
45/0059	• • {by communicating emergency situations to ground control or between crew members}
45/0061	 • {by protecting cabin or cargo hold from bombs}
45/0063	• {by avoiding the use of electronic equipment
	during flight, e.g. of mobile phones or laptops}
2045/0065	• {Black boxes, devices automatically broadcasting
	distress signals}
2045/007	• {Indicators or signs in the cabin, e.g. exit signs or
	seat numbering}
2045/0075	• {Adaptations for use of electronic flight bags in aircraft; Supports therefor in the cockpit}
2045/008	• {Devices for detecting or indicating hard landing}
2045/0085	• {Devices for aircraft health monitoring, e.g.
	monitoring flutter or vibration}
2045/009	• {Fire detection or protection; Erosion protection,
	e.g. from airborne particles}
2045/0095	• {Devices specially adapted to avoid bird strike}
45/02	• Lightning protectors; Static dischargers (in general <u>H01T</u>)
45/04	 Landing aids; Safety measures to prevent collision with earth's surface
45/06	mechanical
45/08	• • optical
47/00	Equipment not otherwise provided for
47/02	Arrangements or adaptations of signal or lighting
	devices
47/04	• the lighting devices being primarily intended to illuminate the way ahead
47/06	for indicating aircraft presence
47/08	. Arrangements of cameras
	WARNING
	Group <u>B64D 47/08</u> is impacted by reclassification into group <u>B64U 20/87</u> .
	Groups <u>B64D 47/08</u> and <u>B64U 20/87</u> should
	be considered in order to perform a complete
	search.
2201/00	Airbags mounted in aircraft for any use
2203/00	Aircraft or airfield lights using LEDs
2205/00	Aircraft with means for ground manoeuvring,
2203/00	such as taxiing, using an auxiliary thrust system,
	e.g. jet-engines, propellers or compressed air
2221/00	Electric power distribution systems onboard
	aircraft
2231/00	Emergency oxygen systems
2231/02	Supply or distribution systems
2231/025	Oxygen masks; Mask storages (seats combined)
	with storage means, said storage means being
	specially adapted for emergency equipment
	B64D 11/0629); Features related to mask
	deployment
22 41 /00	NACA America in indicate

2241/00 NACA type air intakes

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