

CPC**COOPERATIVE PATENT CLASSIFICATION****B64D****EQUIPMENT FOR FITTING IN OR TO AIRCRAFT; FLYING SUITS; PARACHUTES; ARRANGEMENTS OR MOUNTING OF POWERPLANTS OR PROPULSION TRANSMISSIONS****WARNING**

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:

| | | |
|-----------------------------|------------|----------------------------|
| B64D 15/18 | covered by | B64D 15/16 |
| B64D 25/102 | covered by | 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 | B64D 25/10 |

B64D 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 or torpedo launchers [F41F 3/00](#))

B64D 1/02

. Dropping, ejecting, or releasing articles (jettisonable fuel reservoirs [B64D 37/12](#))

B64D 1/04

.. the articles being explosive, e.g. bombs (arming or setting bomb fuzes [F42C](#))

B64D 1/06

... Bomb releasing; Bombs doors

B64D 1/08

.. the articles being load-carrying devices

B64D 1/10

... Stowage arrangements for the devices in aircraft

B64D 1/12

... Releasing

B64D 1/14

... Absorbing landing shocks

B64D 1/16

. Dropping or releasing powdered, liquid, or gaseous matter, e.g. for fire-fighting (jettisoning fuel [B64D 37/26](#))

B64D 1/18

.. by spraying, e.g. insecticides (spraying apparatus per se [B05B](#))

B64D 1/20

.. for sky-writing

B64D 1/22

. Taking-up articles from earth's surface

B64D 3/00

Aircraft adaptations to facilitate towing or being towed ([B64D 39/00](#) takes precedence; ground installations for launching or towing aircraft [B64F](#) ; towing ropes per se [D07B](#))

B64D 3/02

. for towing targets (towed targets per se [F41J](#))

B64D 5/00

Aircraft transported by aircraft, e.g. for release or reberthing during flight (flying units formed by separate aircraft [B64C 37/02](#))

- B64D 7/00** **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 [B64D 1/00](#) ; armaments or mountings therefor per se [F41](#))
- B64D 7/02 . the armaments being firearms
- B64D 7/04 . . fixedly mounted
- B64D 7/06 . . movably mounted
- B64D 7/08 . Arrangements of rocket launchers {or releasing means }(rocket launchers per se, e.g. rocket pods, [F41F 3/06](#))

- B64D 9/00** **Equipment for handling freight; Equipment for facilitating passenger embarkation or the like** (emergency equipment [B64D 17/00](#), [B64D 19/00](#), [B64D 25/00](#); structures integral with fuselage to facilitate loading, fuselage floors specially adapted for freight, steps mounted on and retractable within aircraft [B64C](#) ; ground installations [B64F](#))
- B64D 9/003 . {Devices for retaining pallets or freight containers (securing freight containers on vehicles [B60P 7/00](#))}
- B64D 2009/006 . {Rollers or drives for pallets of freight containers; e.g. PDU}

- B64D 10/00** **{Flying suits** (helmets in general [A42B 3/00](#) ; breathing helmets [A62B 18/00](#))}
- B64D 2010/002 . {Anti-g suits or garments}
- B64D 2010/005 . {High altitude suits or garments, e.g. partial or total pressure}
- B64D 2010/007 . {Suits with cooling or heating means}

- B64D 11/00** **Passenger or crew accommodation; Flight-deck installations not otherwise provided for**
- B64D 11/0007 . {Devices specially adapted for food or beverage distribution services}
- B64D 11/0015 . {Arrangements for entertainment or communications, e.g. radio, television}

WARNING

Groups [B64D 11/00151](#) - [B64D 11/00155](#) are incomplete pending reclassification of documents from group [B64D 11/0015](#).

Until reclassification is complete, groups [B64D 11/00151](#) - [B64D 11/00155](#) and [B64D 11/0015](#) should be considered in order to perform a complete search.

- B64D 11/00151 . . {Permanently mounted seat back monitors}
- B64D 11/00152 . . {Seat back fixtures for removable monitors, e.g. tablet computers}
- B64D 11/00153 . . {Monitors mounted on or in the seat other than the seat back}
- B64D 11/00154 . . {Loudspeakers mounted in the seat back}
- B64D 11/00155 . . {Individual entertainment or communication system remote controls therefor, located in or connected to seat components, e.g. to seat back or arm rest}
- B64D 11/0023 . {Movable or removable cabin dividers, e.g. for class separation ([bulkheads B64C 1/10](#))}
- B64D 11/003 . {Stowage devices for passengers' personal luggage}
- B64D 2011/0038 . {Illumination systems for cabins as a whole}

- B64D 2011/0046 . {Modular or preassembled units for creating cabin interior structures}
- B64D 2011/0053 . {Cabin passenger reading lights}
- B64D 2011/0061 . {Windows displaying outside view, artificially generated}
- B64D 2011/0069 . {Rest berths, beds or the like}
- B64D 2011/0076 . . {for crew members, e.g. for sleeping during flight}
- B64D 2011/0084 . . {Bed units for passengers attached to the ceiling of the fuselage}
- B64D 2011/0092 . . {Arrangements for mounting stretchers in aircraft cabins}
- B64D 11/02 . Toilet fittings (of general application [A47K](#))
- B64D 11/04 . Galleys
- B64D 11/06 . {Arrangements of seats, or adaptations or details specially adapted for aircraft seats (crew seat constructions for emergency purposes [B64D 25/04](#))}

WARNING

Groups [B64D 11/0601](#) - [B64D 11/0698](#) are incomplete pending reclassification of documents from group [B64D 11/06](#).

Until reclassification is complete, groups [B64D 11/0601](#) - [B64D 11/0698](#) and [B64D 11/06](#) should be considered in order to perform a complete search.

- B64D 11/0601 . . {Arrangement of seats for non-standard seating layouts, e.g. seats staggered horizontally or vertically, arranged in an angled or fishbone layout, or facing in other directions than the direction of flight}
- B64D 11/0602 . . {Seat modules, i.e. seat systems including furniture separate from the seat itself}
- B64D 11/0604 . . . {including a bed, e.g. cocoon type passenger seat modules}
- B64D 11/0605 . . . {including tables or desks}
- B64D 11/0606 . . {with privacy shells, screens, separators or the like (class dividers [B64D 11/0023](#))}
- B64D 11/0607 . . {with devices specially adapted for exercising during travel; with devices specially adapted to prevent thrombosis}
- B64D 11/0611 . . {with means for holding the passenger in a standing position}
- B64D 11/0612 . . {specially adapted for children}
- B64D 11/0616 . . {with ejection means}
- B64D 11/0619 . . {with energy absorbing means specially adapted for mitigating impact loads for passenger seats, e.g. at a crash}
- B64D 11/062 . . {Belts or other passenger restraint means for passenger seats}
- B64D 11/06205 . . . {Arrangements of airbags}
- B64D 11/0621 {Airbag initiation or activation means}
- B64D 11/0624 . . {Arrangements of electrical connectors, e.g. for earphone, internet or electric supply}
- B64D 11/0626 . . {with individual temperature or ventilation control}
- B64D 11/0627 . . {Seats combined with storage means}
- B64D 11/0629 . . . {the storage means being specially adapted for emergency equipment}

WARNING

B64D 11/0629

(continued)

Groups [B64D 11/0631](#) - [B64D 11/0633](#) is/are incomplete pending reclassification of documents from group [B64D 11/0629](#).

Until reclassification is complete, groups [B64D 11/0631](#) - [B64D 11/0633](#) and [B64D 11/0629](#) should be considered in order to perform a complete search.

| | | |
|-------------------------------|------|--|
| B64D 11/0631 | .... | {for life vests} |
| B64D 11/0632 | .... | {for breathing apparatus} |
| B64D 11/0633 | .... | {for devices other than life vests and intended for external use, e.g. parachutes or life rafts} |
| B64D 11/0636 | ... | {Personal storage means or waste disposal bags} |
| B64D 11/0638 | .. | {with foldable tables, trays or cup holders} |
| B64D 11/0639 | .. | {with features for adjustment or converting of seats} |
| B64D 11/06395 | ... | {characterised by the arrangement of electric motors for adjustment} |
| B64D 11/064 | ... | {Adjustable inclination or position of seats} |
| B64D 11/0641 | ... | {Seats convertible into beds} |
| B64D 11/0642 | ... | {Adjustable headrests} |
| B64D 11/0643 | ... | {Adjustable foot or leg rests} |
| B64D 11/0644 | ... | {Adjustable arm rests} |
| B64D 11/0646 | .. | {Seats characterised by special features of stationary arms, foot or head rests} |
| B64D 11/0647 | .. | {Seats characterised by special upholstery or cushioning features} |
| B64D 11/0648 | .. | {Lower frame constructions} |
| B64D 11/0649 | .. | {Seats characterised by special features for reducing weight} |
| B64D 11/0689 | .. | {specially adapted for pilots} |
| B64D 11/0691 | .. | {specially adapted for cabin crew} |
| B64D 11/0693 | .. | {Width modification of seat assemblies, e.g. for class modification} |
| B64D 11/0696 | .. | {Means for fastening seats to floors, e.g. to floor rails} |
| B64D 11/0697 | .. | {Seats suspended from aircraft ceiling} |
| B64D 11/0698 | .. | {Seats suspended from aircraft walls} |

B64D 13/00

Arrangements or adaptations of air-treatment apparatus for aircraft crew or passenger, or freight space;**{or structural parts of the aircraft }**[\(treatment rooms with artificial climate for medical purposes A61G 10/02 ; respiratory apparatus in general A62B ; for vehicles in general B60H\)](#)

| | | |
|--------------------------------|-----|--|
| B64D 2013/003 | . | {Cabin ventilation nozzles} |
| B64D 13/006 | . | {the air being used to cool structural parts of the aircraft} |
| B64D 13/02 | . | the air being pressurised |
| B64D 13/04 | .. | Automatic control of pressure |
| B64D 13/06 | . | the air being conditioned (pressurising B64D 13/02) |
| B64D 2013/0603 | .. | {Environmental Control Systems} |
| B64D 2013/0607 | ... | {providing hot air or liquid for deicing aircraft parts, e.g. aerodynamic surfaces or windows} |
| B64D 2013/0611 | ... | {combined with auxiliary power units (APU's)} |

| | | |
|----------------|-----|--|
| B64D 2013/0614 | ... | {with subsystems for cooling avionics} |
| B64D 2013/0618 | ... | {with arrangements for reducing or managing bleed air, using another air source, e.g. ram air} |
| B64D 2013/0622 | ... | {used in combination with boundary layer control systems} |
| B64D 2013/0625 | ... | {comprising means for distribution effusion of conditioned air in the cabin} |
| B64D 2013/0629 | ... | {with subsystems for cooling food, catering or special loads} |
| B64D 2013/0633 | ... | {including chemical reaction-based thermal management systems} |
| B64D 2013/0637 | ... | {with CO ₂ removers} |
| B64D 2013/064 | ... | {comprising more than one system, e.g. dual systems} |
| B64D 2013/0644 | ... | {including electric motors or generators} |
| B64D 2013/0648 | ... | {with energy recovery means, e.g. using turbines} |
| B64D 2013/0651 | ... | {comprising filters, e.g. dust filters} |
| B64D 2013/0655 | ... | {with zone or personal climate controls} |
| B64D 2013/0659 | ... | {comprising provisions for cooling fuel systems} |
| B64D 2013/0662 | ... | {with humidity control} |
| B64D 2013/0666 | ... | {with means for preventing icing within the ECS components} |
| B64D 2013/067 | ... | {with air ionizers} |
| B64D 2013/0674 | ... | {comprising liquid subsystems} |
| B64D 2013/0677 | ... | {comprising on board oxygen generator systems} |
| B64D 2013/0681 | ... | {with oxygen control} |
| B64D 2013/0685 | ... | {with ozone control} |
| B64D 2013/0688 | ... | {with means for recirculating cabin air} |
| B64D 2013/0692 | ... | {with special provisions against smoke from cigarettes} |
| B64D 2013/0696 | ... | {with provisions for starting power plants} |
| B64D 13/08 | .. | the air being heated or cooled |

B64D 15/00 **De-icing or preventing icing on exterior surfaces of aircraft** (motor vehicles specially adapted for carrying de-icing equipment [B60P](#) ; { Ground-installations for de-icing aircraft [B64F 5/0036](#) })

| | | |
|-------------|-----|--|
| B64D 15/02 | . | by ducted hot gas or liquid |
| B64D 15/04 | .. | Hot gas application |
| B64D 15/06 | .. | Liquid application (in general B05) |
| B64D 15/08 | ... | exuded from surface |
| B64D 15/10 | ... | sprayed over surface |
| B64D 15/12 | . | by electric heating (electric heating elements in general H05B) |
| B64D 15/14 | .. | controlled cyclically along length of surface |
| B64D 15/16 | . | by mechanical means |
| B64D 15/163 | .. | {using electro-impulsive devices} |
| B64D 15/166 | .. | {using pneumatic boots} |
| B64D 15/20 | . | Means for detecting icing or initiating de-icing |
| B64D 15/22 | .. | Automatic initiation by icing detector |

B64D 17/00**Parachutes** (non canopied parachutes [B64D 19/00](#))

B64D 17/02

- . Canopy arrangement or construction

NOTE

[B64D 17/025](#) takes precedence over [B64D 17/04](#) - [B64D 17/18](#)

B64D 17/025

- .. {for gliding chutes}

B64D 17/04

- .. formed with two or more canopies arranged about a common axis

B64D 17/06

- .. formed with two or more canopies arranged in a cluster

B64D 17/08

- .. Secondary or shock-absorbing canopies attached to load line

B64D 17/10

- .. Ribbon construction or the like

B64D 17/12

- .. constructed to provide variable or non-uniform porosity over area of canopy

B64D 17/14

- .. with skirt or air-deflecting panels

B64D 17/16

- ... secured to hem of main canopy

B64D 17/18

- .. Vent arrangement or construction

B64D 17/20

- ... variable in area

B64D 17/22

- . Load suspension

B64D 17/24

- .. Rigging lines

B64D 17/26

- ... attached to hem of canopy

B64D 17/28

- ... attached to apex of canopy

B64D 17/30

- .. Harnesses ([harnesses per se A62B](#))

B64D 17/32

- ... Construction of quick-release box

B64D 17/34

- .. adapted to control direction or rate of descent

B64D 17/343

- ... {by reefing means}

B64D 17/346

- ... {by anti-squid lines}

B64D 17/36

- .. incorporating friction devices or frangible connections to reduce shock loading of canopy {([B64D 17/343](#) , [B64D 17/346](#) take precedence)}

B64D 17/38

- .. Releasable fastening devices between parachute and load or pack

B64D 17/383

- ... {Cargo release hooks}

B64D 17/386

- ... {Devices adapted to cut lines or straps}

B64D 17/40

- . Packs

B64D 17/42

- .. rigid

B64D 17/44

- ... forming part of load

B64D 17/46

- .. Closing means

B64D 17/48

- .. with separate pack for extractor of auxiliary parachute

B64D 17/50

- .. formed with separate compartments for main canopy, rigging lines, or auxiliary parachute

B64D 17/52

- .. Opening, e.g. manual

B64D 17/54

- ... automatic

B64D 17/56

- responsive to barometric pressure

| | |
|-------------------|--|
| B64D 17/58 | responsive to time-delay mechanism |
| B64D 17/60 | by static line |
| B64D 17/62 | . Deployment |
| B64D 17/64 | .. by extractor parachute |
| B64D 17/66 | ... attached to hem of main canopy |
| B64D 17/68 | ... attached to apex of main canopy |
| B64D 17/70 | .. by springs |
| B64D 17/72 | .. by explosive or inflatable means |
| B64D 17/725 | ... {by explosive means} |
| B64D 17/74 | .. Sequential deployment of a plurality of canopies |
| B64D 17/76 | .. facilitated by method of folding or packing |
| B64D 17/78 | . in association with other load-retarding apparatus |
| B64D 17/80 | . in association with aircraft, e.g. for braking thereof |
| B64D 19/00 | Non-canopied parachutes |
| B64D 19/02 | . Rotary-wing parachutes |
| B64D 21/00 | Testing of parachutes |
| B64D 23/00 | Training of parachutists |
| B64D 25/00 | 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) |
| B64D 25/02 | . Supports or holding means for living bodies |
| B64D 25/04 | .. Seat modifications |
| B64D 25/06 | .. Harnessing |
| B64D 25/08 | . Ejecting or escaping means (escape apertures B64C) |
| B64D 25/10 | .. Ejector seats |
| B64D 25/12 | .. Ejectable capsules |
| B64D 25/14 | .. Inflatable escape chutes |
| B64D 25/16 | .. Dinghy stowage |
| B64D 25/18 | .. Flotation gear (aircraft alighting gear B64C) |
| B64D 25/20 | .. Releasing of crash position indicators |
| B64D 27/00 | Arrangement or mounting of power plant in aircraft; Aircraft characterised thereby (attitude, flight direction, or altitude control of aircraft by jet reaction B64C) |
| B64D 2027/005 | . {Aircraft with an unducted turbofan comprising contra-rotating rotors, e.g. contra-rotating open rotors [CROR]} |
| B64D 27/02 | . Aircraft characterised by the type or position of power plant (fuselages or wings adapted for mounting power plant B64C) |

- B64D 27/023 .. {of rocket type e.g. for assisting taking-off or braking}
 - B64D 2027/026 .. {comprising different types of power plants, e.g. combination of an electric motor and a gas-turbines}
 - B64D 27/04 .. of piston type
 - B64D 27/06 ... within or attached to wing
 - B64D 27/08 ... within or attached to fuselage
 - B64D 27/10 .. of gas-turbine type ([B64D 27/16](#) takes precedence)
 - B64D 27/12 ... within or attached to wing
 - B64D 27/14 ... within or attached to fuselage
 - B64D 27/16 .. of jet type
 - B64D 27/18 ... within or attached to wing
 - B64D 27/20 ... within or attached to fuselage
 - B64D 27/22 .. using atomic energy
 - B64D 27/24 .. using steam, electricity, or spring force ([B64D 27/16](#) takes precedence)
 - B64D 27/26 . Aircraft characterised by construction of power-plant mounting
 - B64D 2027/262 .. {Engine support arrangements or elements}
 - B64D 2027/264 ... {comprising box like supporting frames}
 - B64D 2027/266 ... {comprising suspension arrangements for supporting vertical loads}
 - B64D 2027/268 ... {comprising thrust links}
- B64D 29/00** **Power-plant nacelles, fairings, or cowlings** (nacelles not otherwise provided for [B64C](#))
- B64D 29/02 . associated with wings ([wings adapted for mounting power plant B64C](#))
 - B64D 29/04 . associated with fuselages
 - B64D 29/06 . Attaching of nacelles, fairings or cowlings
 - B64D 29/08 . Inspection panels for power plants
- B64D 31/00** **Power plant control; Arrangement thereof** (flying controls [B64C](#)) { **F02** takes precedence}
- B64D 31/02 . Initiating means
 - B64D 31/04 .. actuated personally
 - B64D 31/06 .. actuated automatically
 - B64D 31/08 ... for keeping cruising speed constant ([conjoint control of power plant and propeller B64C](#))
 - B64D 31/10 ... for preventing asymmetric thrust upon failure of one power plant
 - B64D 31/12 ... for equalising or synchronising power plants
 - B64D 31/14 . Transmitting means between initiating means and power plants
- B64D 33/00** **Arrangements in aircraft of power plant parts or auxiliaries not otherwise provided for**
- B64D 33/02 . of combustion air intakes ([air intakes for gas-turbine plants or jet-propulsion plants per se F02C 7/04](#) ; [air intakes for combustion engines in general F02M 35/00](#))
 - B64D 2033/0206 .. {comprising noise reduction means, e.g. acoustic liners}

- B64D 2033/0213 . . {specially adapted for auxiliary power units (APU's)}
- B64D 2033/022 . . {comprising bird or foreign object protections}
- B64D 2033/0226 . . {comprising boundary layer control means}
- B64D 2033/0233 . . {comprising de-icing means}
- B64D 2033/024 . . {comprising cooling means}
- B64D 2033/0246 . . {comprising particle separators}
- B64D 2033/0253 . . {specially adapted for particular type of aircraft}
- B64D 2033/026 . . . {for supersonic or hypersonic aircraft}
- B64D 2033/0266 . . {specially adapted for particular type of power plants}
- B64D 2033/0273 . . . {for jet engines}
- B64D 2033/028 . . . {for piston engines}
- B64D 2033/0286 . . . {for turbofan engines}
- B64D 2033/0293 . . . {for turboprop engines}
- B64D 33/04 . of exhaust outlets or jet pipes (exhaust outlets for combustion engines in general [F01N](#); jet pipes or nozzles for jet-propulsion plants per se [F02K](#); plants characterised by the form or arrangement of the jet pipe or nozzle [F02K](#)) {attitude, flight direction, or altitude control by jet reaction [B64C](#)}
- B64D 2033/045 . . {comprising infrared suppressors}
- B64D 33/06 . . Silencing exhaust or propulsion jets (ground installations [B64F](#))
- B64D 33/08 . of power plant cooling systems (cooling of internal-combustion engines per se [F01P](#) ; cooling of gas-turbine plants or jet-propulsion plants per se [F02C](#) , [F02K](#))
- B64D 33/10 . . Radiator arrangement
- B64D 33/12 . . . of retractable type

- B64D 35/00** **Transmitting power from power plant to propellers or rotors; Arrangements of transmissions** (propellers or rotors per se, helicopter transmissions [B64C](#))
- B64D 35/02 . characterised by the type of power plant
- B64D 35/04 . characterised by the transmission driving a plurality of propellers or rotors
- B64D 35/06 . . the propellers or rotors being counter-rotating
- B64D 35/08 . characterised by the transmission being driven by a plurality of power plants

- B64D 37/00** **Arrangements in connection with fuel supply for power plant** (refuelling during flight [B64D 39/00](#))
- B64D 37/005 . {Accessories not provided for in the groups [B64D 37/02](#) to [B64D 37/28](#)}
- B64D 37/02 . Tanks (tanks constructed integrally with aircraft wings [B64C](#) ; shape or construction of tanks per se [B65D](#))
- B64D 37/04 . . Arrangement thereof in or on aircraft
- B64D 37/06 . . Constructional adaptations thereof
- B64D 37/08 . . . Internal partitioning
- B64D 37/10 . . . to facilitate fuel pressurisation
- B64D 37/12 . . . jettisonable
- B64D 37/14 . . Filling or emptying (transferring fuels to adjust aircraft trim [B64C](#))
- B64D 37/16 . . . Filling systems (ground installations for fuelling aircraft [B64F](#))

| | | |
|-------------------|------|---|
| B64D 37/18 | .... | Conditioning fuel during filling |
| B64D 37/20 | ... | Emptying systems |
| B64D 37/22 | .... | facilitating emptying in any position of tank |
| B64D 37/24 | .... | using gas pressure |
| B64D 37/26 | .... | Jettisoning of fuel |
| B64D 37/28 | .... | Control thereof |
| B64D 37/30 | . | Fuel systems for specific fuels |
| B64D 37/32 | . | Safety measures not otherwise provided for, e.g. preventing explosive conditions (extinguishing or preventing fires in aircraft A62C) |
| B64D 2037/325 | .. | {Fuel tanks with provisions for reduction hydraulic ram shocks due to projectile impacts} |
| B64D 37/34 | . | Conditioning fuel, e.g. heating (during filling B64D 37/18) |
| B64D 39/00 | | Refuelling during flight (filling or emptying fuel tanks B64D 37/14) |
| B64D 39/02 | . | Means for paying-in or out hose |
| B64D 39/04 | . | Adaptations of hose construction (pipes in general F16L) |
| B64D 39/06 | . | Connecting hose to aircraft; Disconnecting hose therefrom |
| B64D 41/00 | | Power installations for auxiliary purposes |
| B64D 2041/002 | . | {Mounting arrangements for auxiliary power units (APU's)} |
| B64D 2041/005 | . | {Fuel cells} |
| B64D 41/007 | . | {Ram air turbines} |
| B64D 43/00 | | Arrangements or adaptations of instruments (arrangements of cameras B64D 47/08 ; aeronautical measuring instruments per se G01C) |
| B64D 43/02 | . | for indicating aircraft speed or stalling conditions |
| B64D 45/00 | | Aircraft indicators or protectors not otherwise provided for (camouflage F41H 3/00) |
| B64D 45/0005 | . | {Devices specially adapted to indicate the position of a movable element of the aircraft, e.g. landing gear} |
| B64D 2045/001 | .. | {for indicating symmetry of flaps deflection} |
| B64D 45/0015 | . | {Devices specially adapted for the protection against criminal attack, e.g. anti-hijacking systems} |
| B64D 2045/002 | .. | {by disabling or restraining attackers} |
| B64D 2045/0025 | ... | {by spraying gases in cabins ,or by shooting darts with anesthetic effects} |
| B64D 2045/003 | .. | {by monitoring cabins} |
| B64D 2045/0035 | ... | {using cameras} |
| B64D 2045/004 | ... | {detecting passenger or pilot behaviors by sensors, e.g. biometrics} |
| B64D 2045/0045 | .. | {by communicating emergency situations to ground control, or between crew members} |
| B64D 2045/005 | .. | {by protecting cabin or luggage from bombs} |
| B64D 2045/0055 | .. | {by overriding pilot's controls, or by directing aircraft from ground control to avoid certain paths or zones} |

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| B64D 2045/006 | .. {by avoiding the use of electronic equipment during flight, e.g. of mobile phones or laptops} |
| B64D 2045/0065 | . {Black boxes, devices automatically broadcasting distress signals} |
| B64D 2045/007 | . {Indicators or signs in the cabin, e.g. exit signs or seat numbering} |
| B64D 2045/0075 | . {Flight bags, including electronic type flight bags; Supports therefor in the cockpit} |
| B64D 2045/008 | . {Devices for detecting or indicating hard landing} |
| B64D 2045/0085 | . {Devices for aircraft health monitoring, e.g. monitoring flutter or vibration} |
| B64D 2045/009 | . {Fire detection or protection; Erosion protection, e.g. from airborne particles} |
| B64D 2045/0095 | . {Devices specially adapted to avoid bird strike} |
| B64D 45/02 | . Lightning protectors; Static dischargers (in general H01T) |
| B64D 45/04 | . Landing aids; Safety measures to prevent collision with earth's surface |
| B64D 45/06 | .. mechanical |
| B64D 45/08 | .. optical |
| B64D 47/00 | Equipment not otherwise provided for |
| B64D 47/02 | . Arrangements or adaptations of signal or lighting devices |
| B64D 47/04 | .. the lighting devices being primarily intended to illuminate the way ahead |
| B64D 47/06 | .. for indicating aircraft presence |
| B64D 47/08 | . Arrangements of cameras |
| B64D 2201/00 | Airbags mounted in aircraft for any use |
| B64D 2203/00 | Aircraft or airfield lights using LEDs |
| B64D 2205/00 | Aircraft with means for ground manoeuvring, such as taxiing, using an auxiliary thrust system, e.g. jet-engines, propellers or compressed air |
| B64D 2211/00 | Arrangements of solar panels on aircraft |
| B64D 2221/00 | Electric power distribution systems onboard aircraft |
| B64D 2231/00 | Emergency oxygen systems |
| B64D 2231/02 | . Supply or distribution systems |
| B64D 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 |
| B64D 2241/00 | NACA type air intakes |
| B64D 2700/00 | ** to be decided ** |
| B64D 2700/62 | . ** to be decided ** |
| B64D 2700/62008 | .. Aircraft equipment |
| B64D 2700/62017 | ... Respiratory apparatus for high altitude |
| B64D 2700/62026 | Pressurised cabins |
| B64D 2700/62035 | Pressure control valves |

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| B64D 2700/62043 | ... | Indicators; Protective devices |
| B64D 2700/62052 | | De-icing or preventing icing |
| B64D 2700/62061 | ..... | of structural elements, e.g. fuselage, wings and the like |
| B64D 2700/6207 | .... | by mechanical means |
| B64D 2700/62078 | .... | by electric heating |
| B64D 2700/62087 | .... | by ducted exhaust gas |
| B64D 2700/62096 | ..... | of propellers |
| B64D 2700/62105 | .... | by mechanical means |
| B64D 2700/62114 | .... | by electric heating |
| B64D 2700/62122 | .... | by ducted exhaust gas |
| B64D 2700/62131 | ..... | of windows or air intakes |
| B64D 2700/6214 | .... | by mechanical means |
| B64D 2700/62149 | .... | by electric heating |
| B64D 2700/62157 | .... | by ducted exhaust gas |
| B64D 2700/62166 | ... | Mounting of instruments |
| B64D 2700/62175 | .. | Dashboards; Radar antennae; Chart tables |
| B64D 2700/62184 | .. | Measuring instruments |
| B64D 2700/62192 | ... | not using electrical means |
| B64D 2700/62201 | .... | Turbulence detectors not using radar signals |
| B64D 2700/6221 | ... | using electrical means |
| B64D 2700/62219 | .... | Electric safety devices |
| B64D 2700/62228 | .... | Electric compensation or correction devices |
| B64D 2700/62236 | .... | Electrical circuits for acceleration indicators |
| B64D 2700/62245 | .... | Electric circuits for rate of change indicators |
| B64D 2700/62254 | ..... | Airspeed indicators |
| B64D 2700/62263 | ..... | Devices indicating or eliminating decrease of the airspeed |
| B64D 2700/62271 | .... | Roll, pitch or yaw indicators |
| B64D 2700/6228 | ..... | Airflow direction indicators |
| B64D 2700/62289 | ... | Flight recorders, e.g. black boxes |
| B64D 2700/62298 | .. | Weight and center of gravity indicators |
| B64D 2700/62307 | ... | Tanks |
| B64D 2700/62315 | .. | Tanks or accessories |
| B64D 2700/62324 | ... | Manufacturing and materials |
| B64D 2700/62333 | .... | Special panels |
| B64D 2700/62342 | ..... | Flexible or foldable panels |
| B64D 2700/6235 | ..... | Self-sealing or double panels; Tanks suspended elastically |
| B64D 2700/62359 | ..... | Thermally insulated walls |
| B64D 2700/62368 | ... | Fluid level indicators |
| B64D 2700/62377 | ... | Accessories, e.g. packs, floats, valves |
| B64D 2700/62385 | .. | Mounting of tanks; Supporting devices |

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| B64D 2700/62394 | ... | Auxiliary tanks; Tanks convertible into floating devices |
| B64D 2700/62403 | ... | Wing parts used as fuel tanks |
| B64D 2700/62412 | .. | Emptying or filling of tanks |
| B64D 2700/62421 | ... | Emptying devices |
| B64D 2700/62429 | .... | Flow lines; Couplings |
| B64D 2700/62438 | .. | Safety devices for tanks |
| B64D 2700/62447 | ... | Fire preventing devices |
| B64D 2700/62456 | .... | Explosion preventing devices |
| B64D 2700/62464 | ... | Devices for degassing fuel or for controlling boiloff |
| B64D 2700/62473 | ... | Parachutes |
| B64D 2700/62482 | .. | Parts or accessories |
| B64D 2700/62491 | ... | Construction of canopies |
| B64D 2700/625 | ... | Load suspension; Harnesses or quick release boxes |
| B64D 2700/62508 | .. | Disposition or mounting in aircraft |
| B64D 2700/62517 | .. | Manufacturing or packing |
| B64D 2700/62526 | ... | Parachutes with a rigid armature |
| B64D 2700/62535 | ... | Means for deflating the parachute after use |
| B64D 2700/62543 | ... | Means to open or to close the parachute pack |
| B64D 2700/62552 | ... | Devices to open or to drive the parachute during fall |
| B64D 2700/62561 | .... | Devices to control the time or rate of the opening; Deceleration devices |
| B64D 2700/6257 | .... | Opening induced by means other than airstream |
| B64D 2700/62578 | .. | Special uses of parachutes or similar devices |
| B64D 2700/62587 | .. | Other emergency devices, e.g. balloons, parachutes with propellers |
| B64D 2700/62596 | ... | Dropping, ejecting, releasing or receiving articles during flight |
| B64D 2700/62605 | .. | Dropping, ejecting or releasing articles |
| B64D 2700/62614 | ... | the article being explosive, e.g. bombs |
| B64D 2700/62622 | .... | equipped with parachutes, rotary wings or rudders |
| B64D 2700/62631 | ... | Armaments |
| B64D 2700/6264 | .. | Mounting of flame-projectors |
| B64D 2700/62649 | .. | Mounting of firearms |
| B64D 2700/62657 | .. | Devices adapted to shoot through the hollow propeller shaft |
| B64D 2700/62666 | ... | Means for protecting aircraft against aerial barriers |
| B64D 2700/62675 | ... | Turrets which can be lowered |
| B64D 2700/62684 | ... | General disposition of the aircraft in relation to the propulsion means |
| B64D 2700/62692 | .. | Tractive or propulsive propellers |
| B64D 2700/62701 | ... | operated by hydraulic power |
| B64D 2700/6271 | ... | operated by electrical power |
| B64D 2700/62719 | ... | jet-driven |
| B64D 2700/62728 | ... | Specific for seaplanes or amphibian aircrafts |
| B64D 2700/62736 | .. | jet propulsion |

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| B64D 2700/62745 | ... | combined with propellers |
| B64D 2700/62754 | ... | combined with jet-deflectors |
| B64D 2700/62763 | ... | Propulsion or transmission devices |
| B64D 2700/62771 | .. | General arrangements |
| B64D 2700/6278 | ... | in propeller driven aircraft |
| B64D 2700/62789 | .... | In seaplanes or amphibian aircraft |
| B64D 2700/62798 | .... | One propeller being driven by several engines |
| B64D 2700/62807 | .... | Several non-coaxial propellers driven by only one engine |
| B64D 2700/62815 | .... | Double propellers |
| B64D 2700/62824 | ..... | co-rotating |
| B64D 2700/62833 | ..... | counter-rotating |
| B64D 2700/62842 | ..... | driven by only one engine |
| B64D 2700/6285 | ..... | driven by several engines |
| B64D 2700/62859 | ... | in jet propulsion aircraft |
| B64D 2700/62868 | .. | Manufacturing of propellers or propulsive wheels |
| B64D 2700/62877 | ... | Variable-pitch blades |
| B64D 2700/62885 | .... | Torque transmission to the propeller shaft |
| B64D 2700/62894 | ..... | Coupling between motor shaft and propeller shaft |
| B64D 2700/62903 | ..... | through an overrunning coupling, a friction clutch, an adjustable slipping coupling, a hydraulic coupling or a retarding coupling |
| B64D 2700/62912 | ..... | through a device which changes the direction of rotation of the propeller relative to the engine |
| B64D 2700/62921 | ..... | Brakes arranged on the propeller shaft |
| B64D 2700/62929 | ..... | Lubrication of the transmission |
| B64D 2700/62938 | ... | Arrangements of propulsion plants |
| B64D 2700/62947 | .... | in propeller driven aircraft |
| B64D 2700/62956 | .... | in jet propulsion aircraft |
| B64D 2700/62964 | .... | Engines ejectable during flight |
| B64D 2700/62973 | .... | Heating and cooling devices |
| B64D 2700/62982 | .... | Elastic suspension using rubber |
| B64D 2700/62991 | ... | Devices for braking or boosting aircraft, e.g. auxiliary propeller, rockets, jets, take-off assistance |