

**CPC****COOPERATIVE PATENT CLASSIFICATION****B64D****EQUIPMENT FOR FITTING IN OR TO AIRCRAFT; FLYING SUITS; PARACHUTES; ARRANGEMENTS OR MOUNTING OF POWER PLANTS OR PROPULSION TRANSMISSIONS IN AIRCRAFT****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	<a href="#">B64D 15/16</a>
B64D 25/102	covered by	<a href="#">B64D 25/10</a>
B64D 25/105	covered by	<a href="#">B64D 25/10</a>
B64D 25/108	covered by	<a href="#">B64D 25/10</a>
B64D 25/11	covered by	<a href="#">B64D 25/10</a>
B64D 25/112	covered by	<a href="#">B64D 25/10</a>
B64D 25/115	covered by	<a href="#">B64D 25/10</a>
B64D 25/118	covered by	<a href="#">B64D 25/10</a>

**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**

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

B64D 11/0629

(continued)

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 <sub>2</sub> 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 <a href="#">B05</a> )
B64D 15/08	. . . exuded from surface
B64D 15/10	. . . sprayed over surface
B64D 15/12	. by electric heating (electric heating elements in general <a href="#">H05B</a> )
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
<b>B64D 19/00</b>	<b>Non-canopied parachutes</b>
B64D 19/02	. Rotary-wing parachutes
<b>B64D 21/00</b>	<b>Testing of parachutes</b>
<b>B64D 23/00</b>	<b>Training of parachutists</b>
<b>B64D 25/00</b>	<b>Emergency apparatus or devices, not otherwise provided for</b> (parachutes <a href="#">B64D 17/00</a> , <a href="#">B64D 19/00</a> ; jettisoning of fuel tanks or fuel <a href="#">per se B64D 37/00</a> ; {specially adapted for protection against criminal attack, e.g. anti-hijacking systems <a href="#">B64D 45/0015</a> }; safety belts or body harnesses in general <a href="#">A62B 35/00</a> ; safety belts or body harnesses for land vehicles <a href="#">B60R 22/00</a> ; jettisonable parts of fuselage facilitating emergency escape <a href="#">B64C</a> )
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 ( <a href="#">escape apertures B64C</a> )
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 ( <a href="#">aircraft alighting gear B64C</a> )
B64D 25/20	. . Releasing of crash position indicators
<b>B64D 27/00</b>	<b>Arrangement or mounting of power plant in aircraft; Aircraft characterised thereby</b> (attitude, flight direction, or altitude control of aircraft by jet reaction <a href="#">B64C</a> )
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 ( <a href="#">fuselages or wings adapted for mounting power plant B64C</a> )
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 ( <a href="#">B64D 27/16</a> 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 ( <a href="#">B64D 27/16</a> 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}
<b>B64D 29/00</b>	<b>Power-plant nacelles, fairings, or cowlings</b> (nacelles not otherwise provided for <a href="#">B64C</a> )
B64D 29/02	. associated with wings ( <a href="#">wings adapted for mounting power plant B64C</a> )
B64D 29/04	. associated with fuselages
B64D 29/06	. Attaching of nacelles, fairings or cowlings
B64D 29/08	. Inspection panels for power plants
<b>B64D 31/00</b>	<b>Power plant control; Arrangement thereof</b> ({ <a href="#">F02</a> takes precedence} flying controls <a href="#">B64C</a> )
B64D 31/02	. Initiating means
B64D 31/04	. . actuated personally
B64D 31/06	. . actuated automatically
B64D 31/08	. . . for keeping cruising speed constant ( <a href="#">conjoint control of power plant and propeller B64C</a> )
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
<b>B64D 33/00</b>	<b>Arrangements in aircraft of power plant parts or auxiliaries not otherwise provided for</b>
B64D 33/02	. of combustion air intakes ( <a href="#">air intakes for gas-turbine plants or jet-propulsion plants per se F02C 7/04</a> ; <a href="#">air intakes for combustion engines in general F02M 35/00</a> )
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 <a href="#">A62C</a> )
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 <a href="#">B64D 37/18</a> )
<b>B64D 39/00</b>	<b>Refuelling during flight</b> (filling or emptying fuel tanks <a href="#">B64D 37/14</a> )
B64D 39/02	. Means for paying-in or out hose
B64D 39/04	. Adaptations of hose construction (pipes in general <a href="#">F16L</a> )
B64D 39/06	. Connecting hose to aircraft; Disconnecting hose therefrom
<b>B64D 41/00</b>	<b>Power installations for auxiliary purposes</b>
B64D 2041/002	. {Mounting arrangements for auxiliary power units (APU's)}
B64D 2041/005	. {Fuel cells}
B64D 41/007	. {Ram air turbines}
<b>B64D 43/00</b>	<b>Arrangements or adaptations of instruments</b> (arrangements of cameras <a href="#">B64D 47/08</a> ; aeronautical measuring instruments per se <a href="#">G01C</a> )
B64D 43/02	. for indicating aircraft speed or stalling conditions
<b>B64D 45/00</b>	<b>Aircraft indicators or protectors not otherwise provided for</b> (camouflage <a href="#">F41H 3/00</a> )
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}
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	. {Adaptations for use of electronic flight bags in aircraft; 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 <a href="#">H01T</a> )
B64D 45/04	. Landing aids; Safety measures to prevent collision with earth's surface
B64D 45/06	. . mechanical
B64D 45/08	. . optical
<b>B64D 47/00</b>	<b>Equipment not otherwise provided for</b>
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
<b>B64D 2201/00</b>	<b>Airbags mounted in aircraft for any use</b>
<b>B64D 2203/00</b>	<b>Aircraft or airfield lights using LEDs</b>
<b>B64D 2205/00</b>	<b>Aircraft with means for ground manoeuvring, such as taxiing, using an auxiliary thrust system, e.g. jet-engines, propellers or compressed air</b>
<b>B64D 2211/00</b>	<b>Arrangements of solar panels on aircraft</b>
<b>B64D 2221/00</b>	<b>Electric power distribution systems onboard aircraft</b>
<b>B64D 2231/00</b>	<b>Emergency oxygen systems</b>
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 <a href="#">B64D 11/0629</a> ); Features related to mask deployment
<b>B64D 2241/00</b>	<b>NACA type air intakes</b>
<b>B64D 2700/00</b>	<b>** to be decided **</b>
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
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
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
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