

CPC**COOPERATIVE PATENT CLASSIFICATION****B64F****GROUND OR AIRCRAFT-CARRIER-DECK INSTALLATIONS****NOTE**

In this subclass, the term "installation" embraces equipment, including mobile equipment, peculiar to use in connection with aircraft and not fitted thereto

The term "ground installations" in this subclass embraces waterborne installations

B64F 1/00

Ground or aircraft-carrier-deck-installations (specially adapted for captive aircraft [B64F 3/00](#); aircraft-carriers [B63](#); fog-dispersal installations [E01H](#); wind tunnels [G01M](#); grounded flight trainers [G09B](#))

B64F 1/002

- . { Taxiing aids }

B64F 1/005

- . { Protective covering for aircraft not in use (tent-like garages [E04H](#)) }

B64F 1/007

- . { Helicopter portable landing pads (landing platforms for helicopters [E01F 3/00](#), paving take-off areas for vertically starting aircraft [E01C 9/008](#)) }

B64F 1/02

- . Arresting gear; Liquid barriers

B64F 1/025

- .. { using decelerating or arresting beds }

B64F 1/04

- . Launching or towing gear (railway aspects [B61](#); aircraft towing aircraft [B64D 3/00](#); ammunition launching gear [F41F](#))

B64F 1/06

- .. using catapults

B64F 1/08

- .. using winches

B64F 1/10

- .. using self-propelled vehicles

B64F 1/12

- . Anchoring

B64F 1/125

- .. { Mooring or ground handling devices for helicopters }

B64F 1/14

- .. Towers or masts for mooring airships or balloons (mooring attachments of lighter-than-air aircraft [B64B 1/66](#); building aspects [E04H 6/00](#), [E04H 12/00](#))

B64F 1/16

- .. Pickets or ground anchors; Wheel chocks

B64F 1/18

- . Visual or acoustic landing aids (optical or acoustic signalling in general [G08](#))
{ ([B64F 1/002](#) takes precedence) }

B64F 1/20

- .. Arrangement of optical beacons

B64F 1/205

- ... { arranged underground, e.g. underground runway lighting units }

B64F 1/22

- . installed for handling aircraft { ([B64F 1/002](#) takes precedence) }

B64F 1/221

- .. { specially adapted for handling seaplanes }

B64F 1/222

- .. { for storing aircraft, e.g. in hangars }

B64F 1/224

- .. { Towing bars }

- B64F 1/225 . . { Towing trucks }
- B64F 1/227 . . . { adapted for directly connecting to aircraft, e.g. trucks without tow-bars }
- B64F 1/228 . . . { remotely controlled, or autonomously operated }
- B64F 1/24 . . Adaptations of turntables

- B64F 1/26 . for reducing engine or jet noise; Protecting airports from jet erosion

- B64F 1/28 . Liquid-handling installations specially adapted for fuelling stationary aircraft ([liquid handling in general B67](#))

- B64F 1/30 . for embarking or disembarking passengers
- B64F 1/305 . . Bridges extending between terminal building and aircraft, e.g. telescopic, vertically adjustable
- B64F 1/3055 . . . { with hinged head interface between aircraft and passenger bridge }
- B64F 1/31 . . Passenger vehicles specially adapted to co-operate, e.g. dock, with aircraft or terminal buildings
- B64F 1/315 . . Mobile stairs ([movable stairways in general E04F 11/04](#))

- B64F 1/32 . for handling freight {(load transporting vehicles modified to facilitate loading or unloading [B60P 1/00](#))}

- B64F 1/34 . for starting propulsion plant

- B64F 1/36 . Other airport installations ([de-icing installations B64F 5/0054](#); construction of, or surfacing for, airfields [E01C](#))
- B64F 1/362 . . { Installations for supplying conditioned air to parked aircraft }
- B64F 1/364 . . . { Mobile units }
- B64F 1/366 . . { Check-in counters }
- B64F 1/368 . . { Arrangements and installations for routing, distributing, or loading baggage }

- B64F 3/00** **Ground installations specially adapted for captive aircraft** ([railway aspects B61](#))

- B64F 3/02 . with means for supplying electricity to aircraft during flight

- B64F 5/00** **Designing, manufacturing, assembling, cleaning, maintaining, or repairing aircraft, not otherwise provided for**

- B64F 5/0009 . { Assembling or manufacturing aircraft, e.g. jigs therefor }
- B64F 5/0018 . { Cleaning aircraft }
- B64F 5/0027 . . { Polishing window units }

- B64F 5/0036 . { handling or transporting aircraft components }

- B64F 5/0045 . { Test or inspection of aircraft components or systems }

- B64F 5/0054 . { De-icing aircraft (aircraft-fitted installations for de-icing or preventing icing on exterior surfaces of aircraft [B64D 15/00](#))}
- B64F 5/0063 .. { by liquid application; Spraying installations therefor, e.g. on vehicles (spraying vehicles [B60P 3/30](#); materials for application to surfaces to minimize adherence of ice, mist or water thereto [C09K 3/18](#))}
- B64F 5/0072 .. { by radiation, e.g. infrared }
- B64F 5/0081 . { Repairing aircraft }
- B64F 5/009 .. { Methods and equipment for repairing leakages in fuel tanks }

B64F 2700/00 ** Title-to-be-decided **

- B64F 2700/62 . ** Title-to-be-decided **
- B64F 2700/6203 .. Alighting gear
- B64F 2700/6207 ... for airships, airplanes or seaplanes
- B64F 2700/6211 for airships
- B64F 2700/6215 Landing bumpers
- B64F 2700/6219 Anchors
- B64F 2700/6223 Floats
- B64F 2700/6226 for airplanes
- B64F 2700/623 ... Shock-absorbers
- B64F 2700/6234 ... Tail wheels
- B64F 2700/6238 ... Power driven wheels
- B64F 2700/6242 ... Fluid-damped shock absorbers
- B64F 2700/6246 working independently of the springs; Non-hydraulic or non-pneumatic shock absorbers
- B64F 2700/6249 ... Brakes
- B64F 2700/6253 fluid operated
- B64F 2700/6257 ... Overturn preventing devices or protection means
- B64F 2700/6261 Seaplanes equipped with floats or skates
- B64F 2700/6265 ... inflatable or deformable
- B64F 2700/6269 ... collapsible or retractable
- B64F 2700/6273 disposed at the wings tips
- B64F 2700/6276 ... Arrangement of the flating devices
- B64F 2700/628 ... Aircraft provided with floats and wheels or endless-tracks
- B64F 2700/6284 ... Propellers, rudders or brakes acting in the water
- B64F 2700/6288 ... Floats suspension
- B64F 2700/6292 Floating devices or aircraft parts usable as a life saving boats
- B64F 2700/6296 take-off devices