

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

TRANSPORTING

B64 AIRCRAFT; AVIATION; COSMONAUTICS

B64F GROUND OR AIRCRAFT-CARRIER-DECK INSTALLATIONS SPECIALLY ADAPTED FOR USE IN CONNECTION WITH AIRCRAFT; DESIGNING, MANUFACTURING, ASSEMBLING, CLEANING, MAINTAINING OR REPAIRING AIRCRAFT, NOT OTHERWISE PROVIDED FOR; HANDLING, TRANSPORTING, TESTING OR INSPECTING AIRCRAFT COMPONENTS, NOT OTHERWISE PROVIDED FOR

NOTE

In this subclass, the following terms or expressions are used with the meaning indicated:

- "installations" embraces equipment, including mobile equipment, peculiar to use in connection with aircraft and not fitted thereto;
- "ground installations" embraces waterborne installations.

WARNING

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 Ground or aircraft-carrier-deck installations (specially adapted for captive aircraft [B64F 3/00](#))

WARNING

Group [B64F 1/00](#) is impacted by reclassification into groups [B64F 1/223](#), [B64F 1/225](#), [B64F 1/227](#), [B64F 1/228](#) and [B64F 1/35](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 1/002 . {Taxiing aids}
- 1/005 . {Protective coverings for aircraft not in use}
- 1/007 . {Helicopter portable landing pads}
- 1/02 . for arresting aircraft, e.g. nets or cables
- 1/025 . . {using decelerating or arresting beds}
- 1/027 . . {using net or mesh}
- 1/029 . . {using a cable or tether}
- 1/0295 . . {aerodynamically or aerostatically supported, e.g. parafoil or balloon}
- 1/0297 . . {adjustable to align with aircraft trajectory}
- 1/0299 . . {characterized by the use of multiple devices}
- 1/04 . for launching aircraft

WARNING

Group [B64F 1/04](#) is impacted by reclassification into groups [B64F 1/223](#), [B64F 1/224](#), [B64F 1/225](#), [B64F 1/226](#), [B64F 1/227](#) and [B64F 1/228](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 1/06 . . using catapults
- 1/08 . . using winches

- 1/10 . . using self-propelled vehicles

WARNING

Group [B64F 1/10](#) is impacted by reclassification into groups [B64F 1/223](#), [B64F 1/225](#), [B64F 1/227](#) and [B64F 1/228](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 1/12 . for anchoring aircraft
- 1/125 . . {Mooring or ground handling devices for helicopters}
- 1/14 . . Towers or masts for mooring airships or balloons
- 1/16 . . Pickets or ground anchors; Wheel chocks
- 1/18 . Visual or acoustic landing aids {(taxiing aids [B64F 1/002](#))}
- 1/20 . . Arrangement of optical beacons
- 1/205 . . . {arranged underground, e.g. underground runway lighting units}
- 1/22 . for handling aircraft

WARNING

Group [B64F 1/22](#) is impacted by reclassification into groups [B64F 1/223](#), [B64F 1/225](#), [B64F 1/226](#) and [B64F 1/227](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 1/221 . . for handling seaplanes
- 1/222 . . for storing aircraft, e.g. in hangars

- 1/223 . . for towing aircraft
- WARNING**
- Groups [B64F 1/223](#), [B64F 1/225](#) and [B64F 1/227](#) are incomplete pending reclassification of documents from groups [B64F 1/00](#), [B64F 1/04](#), [B64F 1/10](#) and [B64F 1/22](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 1/224 . . . {Towing bars}
- WARNING**
- Group [B64F 1/224](#) is incomplete pending reclassification of documents from group [B64F 1/04](#).
- Groups [B64F 1/04](#) and [B64F 1/224](#) should be considered in order to perform a complete search.
- 1/225 . . . Vehicles specially adapted therefor, e.g. aircraft tow tractors
- 1/226 {hand manipulated, e.g. hand carts or motorised walk-type tractors}
- WARNING**
- Group [B64F 1/226](#) is incomplete pending reclassification of documents from groups [B64F 1/04](#) and [B64F 1/22](#).
- Groups [B64F 1/04](#), [B64F 1/22](#) and [B64F 1/226](#) should be considered in order to perform a complete search.
- 1/227 for direct connection to aircraft, e.g. tow tractors without towing bars
- 1/228 remotely controlled; operating autonomously
- WARNING**
- Group [B64F 1/228](#) is incomplete pending reclassification of documents from groups [B64F 1/00](#), [B64F 1/04](#) and [B64F 1/10](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 1/24 . . Adaptations of turntables
- 1/26 . for reducing engine or jet noise; Protecting airports from jet erosion
- 1/28 . Liquid-handling installations specially adapted for fuelling stationary aircraft
- 1/30 . for embarking or disembarking passengers
- 1/305 . . Bridges extending between terminal building and aircraft, e.g. telescopic, vertically adjustable
- 1/3055 . . . {with hinged head interface between aircraft and passenger bridge}
- 1/31 . . Passenger vehicles specially adapted to co-operate, e.g. dock, with aircraft or terminal buildings
- 1/315 . . Mobile stairs
- 1/32 . for handling freight
- 1/322 . . {Cargo loaders specially adapted for loading air freight containers or palletized cargo into or out of the aircraft}
- 1/324 . . {Luggage loaders specially adapted for loading individual luggage items into or out of the aircraft}
- 1/326 . . {Supply vehicles specially adapted for transporting catering to and loading into the aircraft}
- 1/34 . for starting propulsion plant
- WARNING**
- Group [B64F 1/34](#) is impacted by reclassification into groups [B64F 1/35](#) and [B64F 1/352](#).
- Groups [B64F 1/34](#), [B64F 1/35](#) and [B64F 1/352](#) should be considered in order to perform a complete search.
- 1/35 . for supplying electrical power to stationary aircraft
- WARNING**
- Group [B64F 1/35](#) is incomplete pending reclassification of documents from groups [B64F 1/00](#), [B64F 1/34](#), [B64F 1/36](#) and [B64F 1/362](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 1/352 . . {Mobile units}
- WARNING**
- Group [B64F 1/352](#) is incomplete pending reclassification of documents from groups [B64F 1/34](#), [B64F 1/36](#), [B64F 1/362](#) and [B64F 1/364](#).
- All groups listed in this Warning should be considered in order to perform a complete search.
- 1/36 . Other airport installations (ground installations for de-icing aircraft [B64F 5/20](#))
- WARNING**
- Group [B64F 1/36](#) is impacted by reclassification into groups [B64F 1/35](#) and [B64F 1/352](#).
- Groups [B64F 1/36](#), [B64F 1/35](#) and [B64F 1/352](#) should be considered in order to perform a complete search.
- 1/362 . . {Installations for supplying conditioned air to parked aircraft}
- WARNING**
- Group [B64F 1/362](#) is impacted by reclassification into groups [B64F 1/35](#) and [B64F 1/352](#).
- Groups [B64F 1/362](#), [B64F 1/35](#) and [B64F 1/352](#) should be considered in order to perform a complete search.
- 1/364 . . . {Mobile units}
- WARNING**
- Group [B64F 1/364](#) is impacted by reclassification into group [B64F 1/352](#).
- Groups [B64F 1/364](#) and [B64F 1/352](#) should be considered in order to perform a complete search.

- 1/366 . . {Check-in counters}
- 1/368 . . {Arrangements or installations for routing, distributing or loading baggage}
- 3/00 Ground installations specially adapted for captive aircraft**
- 3/02 . with means for supplying electricity to aircraft during flight
- 5/00 Designing, manufacturing, assembling, cleaning, maintaining or repairing aircraft, not otherwise provided for; Handling, transporting, testing or inspecting aircraft components, not otherwise provided for**
- 5/10 . Manufacturing or assembling aircraft, e.g. jigs therefor
- 5/20 . Ground installations for de-icing aircraft
- 5/23 . . by liquid application; Spraying installations therefor, e.g. fitted on vehicles
- 5/27 . . by irradiation, e.g. of infrared radiation
- 5/30 . Cleaning aircraft
- 5/305 . . {Polishing window units}
- 5/40 . Maintaining or repairing aircraft
- 5/45 . . Repairing leakages in fuel tanks
- 5/50 . Handling or transporting aircraft components
- 5/60 . Testing or inspecting aircraft components or systems