

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.

<p>1/00 Ground or aircraft-carrier-deck installations (specially adapted for captive aircraft B64F 3/00)</p> <p><u>WARNING</u></p> <p>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.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p> <p>1/002 . {Taxiing aids}</p> <p>1/005 . {Protective coverings for aircraft not in use}</p> <p>1/007 . {Helicopter portable landing pads}</p> <p>1/02 . for arresting aircraft, e.g. nets or cables</p> <p>1/025 . . {using decelerating or arresting beds}</p> <p>1/027 . . {using net or mesh}</p> <p>1/029 . . {using a cable or tether}</p> <p>1/0295 . . {aerodynamically or aerostatically supported, e.g. parafoil or balloon}</p> <p>1/0297 . . {adjustable to align with aircraft trajectory}</p> <p>1/0299 . . {characterized by the use of multiple devices}</p> <p>1/04 . for launching aircraft</p> <p><u>WARNING</u></p> <p>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.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p> <p>1/06 . . using catapults</p> <p>1/08 . . using winches</p>	<p>1/10 . . using self-propelled vehicles</p> <p><u>WARNING</u></p> <p>Group B64F 1/10 is impacted by reclassification into groups B64F 1/223, B64F 1/225, B64F 1/227 and B64F 1/228.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p> <p>1/12 . for anchoring aircraft</p> <p>1/125 . . {Mooring or ground handling devices for helicopters}</p> <p>1/14 . . Towers or masts for mooring airships or balloons</p> <p>1/16 . . Pickets or ground anchors; Wheel chocks</p> <p>1/18 . Visual or acoustic landing aids {(taxiing aids B64F 1/002)}</p> <p>1/20 . . Arrangement of optical beacons</p> <p>1/205 . . . {arranged underground, e.g. underground runway lighting units}</p> <p>1/22 . for handling aircraft</p> <p><u>WARNING</u></p> <p>Group B64F 1/22 is impacted by reclassification into groups B64F 1/223, B64F 1/225, B64F 1/226 and B64F 1/227.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p> <p>1/221 . . for handling seaplanes</p> <p>1/222 . . for storing aircraft, e.g. in hangars</p>
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- 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 cooperate, 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.

B64F

- 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