

Title (en)  
Loading aircraft stores

Title (de)  
Laden von Flugzeugen

Title (fr)  
Chargements d'aéronefs

Publication  
**EP 1092671 A2 20010418 (EN)**

Application  
**EP 00305830 A 20000711**

Priority  
• GB 9917195 A 19990723  
• GB 9928224 A 19991201

Abstract (en)  
The invention is concerned with a tricycle vehicle (Fig.7) for the conveyance of large and heavy items, as 17, to be supported on a detachable cradle 15 forming part of said vehicle, for presentation of such item for capture at an aircraft pylon station at a sub-wing level of the aircraft. The vehicle has trolley parts 11, 13, which engage the cradle 15 fore and aft. The trolley 11 has a steerable ground wheel and a jack arrangement for raising and lowering the front end of the cradle as required and the trolley 13 has two transversely spaced ground wheels and associated jacking arrangements for independent vertical movement of the rear end of the cradle at either side. The vehicle has means adjustable and/or detachable such as to enable the vehicle to adopt a variety of configurations calculated to facilitate the extraction of the vehicle from beneath the aircraft notwithstanding the presence of obstructions occasioned by changes in aircraft geometry resulting from the attachment of the load to the pylon station. <IMAGE>

IPC 1-7  
**B66F 7/02; B64F 1/32; B64D 7/00**

IPC 8 full level  
**F41A 9/87** (2006.01)

CPC (source: EP)  
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Cited by  
CN102874414A; CN107054684A; CN103837158A; US2022041416A1; US11912437B2

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