

Title (en)

LOAD HANDLING APPARATUS FOR LOADING AND UNLOADING OF TRANSPORT VEHICLES

Publication

**EP 0000321 B1 19821208 (EN)**

Application

**EP 78850004 A 19780626**

Priority

SE 7707375 A 19770627

Abstract (en)

[origin: EP0000321A1] This invention relates to a load handling apparatus for loading and particularly unloading of palletized goods on road and rail vehicles, ships, aircraft etc. and also for loading and unloading of goods in large goods containers. Characteristic of the load handling apparatus according to the invention is that it comprises at least two elongated, relatively narrow and long sections one of which forms a lower supporting section (15) while the other forms an upper lifter and conveyer section (16) raisably and lowerably mounted on the supporting section (15) and parallel therewith and forming together with the first-mentioned section an elongated narrow and low unit which is insertible through either of such open-ended passages of restricted width and height at the underside of the bottom of conventional pallets intended for the insertion of the lift forks of forklift trucks, the lifter and conveyer section (16) being raisable to a greater height and being lowerable to a smaller height than that of such a passage at the bottom of a pallet resting on a supporting surface for lifting goods, after the insertion of the unit through such a passage under the goods, transporting the goods along the lifter and conveyer section (16) and lowering the goods onto the supporting surface, whereupon the unit can be withdrawn from under the goods.

IPC 1-7

**B65G 7/04**

IPC 8 full level

**B65G 67/02** (2006.01); **B65G 1/00** (2006.01); **B65G 7/04** (2006.01); **B65G 67/20** (2006.01)

CPC (source: EP)

**B65G 13/12** (2013.01); **B65G 67/20** (2013.01)

Cited by

EP0114343A1; EP3020663A1; CN108163437A; GB2248822A; GB2248822B; FR2575446A1; DE9203913U1; CN107651356A

Designated contracting state (EPC)

BE CH DE FR GB LU NL

DOCDB simple family (publication)

**EP 0000321 A1 19790110**; **EP 0000321 B1 19821208**; AU 3750478 A 19800103; BR 7804101 A 19790116; DE 2862115 D1 19830113; JP S5442774 A 19790404; SE 414019 B 19800707; SE 7707375 L 19781228

DOCDB simple family (application)

**EP 78850004 A 19780626**; AU 3750478 A 19780627; BR 7804101 A 19780627; DE 2862115 T 19780626; JP 7794578 A 19780627; SE 7707375 A 19770627