

Title (en)
Carrier apparatus

Title (de)
Trägervorrichtung

Title (fr)
Dispositif porteur

Publication
EP 1547931 A2 20050629 (EN)

Application
EP 04027927 A 20041124

Priority
JP 2003426704 A 20031224

Abstract (en)
A carrier apparatus is provided to ship or store products of various sizes and shapes. The carrier apparatus comprises a platform (2). Grooves (6) are formed on the platform on which a product (A) is placed, and fixing members (3) are placed within the grooves to allow the fixing members to be moved to various positions on a support surface (1) of the platform. Moreover, space is provided between the upper board (11) and lower board (12) of the platform to insert a fork part of a freight handling vehicle. Bumpers (15) are inserted between the upper side of upper board member and the lower surface of the product placed on the support surface. The support surface on the upper side of the board member is formed as a planar surface on which casters (31), installed to the bottom of the product, are able to roll. Void spaces are formed within the lower part of board member.
<IMAGE>

IPC 1-7
B65D 19/44

IPC 8 full level
B65D 19/38 (2006.01); **B65D 19/44** (2006.01)

CPC (source: EP US)
B65D 19/385 (2013.01 - EP US); **B65D 19/44** (2013.01 - EP US); **B65D 2519/00024** (2013.01 - EP US); **B65D 2519/00069** (2013.01 - EP US); **B65D 2519/00273** (2013.01 - EP US); **B65D 2519/00288** (2013.01 - EP US); **B65D 2519/00318** (2013.01 - EP US); **B65D 2519/00333** (2013.01 - EP US); **B65D 2519/00348** (2013.01 - EP US); **B65D 2519/00532** (2013.01 - EP US); **B65D 2519/00641** (2013.01 - EP US); **B65D 2519/00791** (2013.01 - EP US); **B65D 2519/00815** (2013.01 - EP US); **B65D 2519/0086** (2013.01 - EP US); **B65D 2519/00975** (2013.01 - EP US)

Cited by
CN108945743A; CN102351071A; CN106005750A; EP2431291A1; IT202100011402A1; DE102005053492A1; DE102005053492B4; EP1785361A3; GB2457889A; GB2457889B; US2023129657A1; US11912461B2; US8425165B2; US8157093B2; WO2019210530A1; WO2008129137A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1547931 A2 20050629; **EP 1547931 A3 20050810**; JP 2005186939 A 20050714; JP 4309245 B2 20090805; US 2005150194 A1 20050714

DOCDB simple family (application)
EP 04027927 A 20041124; JP 2003426704 A 20031224; US 99283804 A 20041122