

Title (en)
PALLET BASE ASSEMBLY FOR A SHIPPING CONTAINER

Publication
EP 0174655 B1 19901205 (EN)

Application
EP 85111496 A 19850911

Priority
US 64990284 A 19840912

Abstract (en)
[origin: EP0174655A2] A pallet base assembly for a shipping container, which includes a pallet base (13) and two cargo supports (38; 39) mounted thereon. The two cargo supports (38; 39) are also utilized to form ramps for unloading the cargo from the base (13). Each cargo support (38; 39) includes a relatively flat support element (51; 54) providing a ramp surface when the support is used as a ramp and a cushioning element (52, 53; 56, 57) which is interposed between the support element (51; 54) and the cargo when the support is mounted on the pallet base (13) for supporting the cargo. The illustrated form of the pallet base assembly further includes two deformable cushioning elements (46; 43), mounted on the pallet base (13), to serve as the principal cargo supports (37; 41). Each deformable cushioning element (46; 43) includes an opening within which is received a removable support insert (68, 69; 71, 72). Removal of the support insert (68, 69; 71, 72) weakens the deformable cushioning element (46; 43), allowing the element to deform, lowering the cargo onto the pallet base (13).

IPC 1-7
B65D 19/20; B65D 19/44; B65D 85/68

IPC 8 full level
B65D 61/00 (2006.01); **B65D 19/20** (2006.01)

CPC (source: EP)
B65D 19/20 (2013.01); **B65D 2519/00159** (2013.01); **B65D 2519/00194** (2013.01); **B65D 2519/00333** (2013.01); **B65D 2519/00502** (2013.01); **B65D 2519/00641** (2013.01); **B65D 2519/00661** (2013.01); **B65D 2519/00711** (2013.01); **B65D 2519/00726** (2013.01); **B65D 2519/00805** (2013.01); **B65D 2519/00815** (2013.01); **B65D 2519/0082** (2013.01)

Cited by
AT3117U3; US10927337B2; WO2008011147A1; US10836989B2

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 0174655 A2 19860319; EP 0174655 A3 19880713; EP 0174655 B1 19901205; CA 1255614 A 19890613; CA 1257553 C 19890718; DE 3580813 D1 19910117; JP S6169567 A 19860410

DOCDB simple family (application)
EP 85111496 A 19850911; CA 490468 A 19850911; DE 3580813 T 19850911; JP 20067585 A 19850912