

Title (en)
Transport unit

Title (de)
Transporteinheit

Title (fr)
Unité de transport

Publication
EP 2206657 A3 20100721 (DE)

Application
EP 09178300 A 20091208

Priority
DE 202009000365 U 20090109

Abstract (en)
[origin: EP2206657A2] Transport unit (1) consisting of a plate-like transport base, roll-type loaded objects (4) located on it having parallel central axes at least one site (3), where the surfaces of adjacent objects are in line-type contact with each other. The loading objects are in the form of traction devices (10) which prevent the loaded objects from slipping or rolling away. The traction devices engage with the rear sides of the loaded objects. An independent claim is included for an adapter (7).

IPC 8 full level
B65B 25/14 (2006.01); **B65D 71/50** (2006.01); **B65D 85/66** (2006.01); **B65H 75/18** (2006.01)

CPC (source: EP US)
B61D 45/003 (2013.01 - EP US); **B65B 17/02** (2013.01 - EP US); **B65D 67/02** (2013.01 - EP US); **B65H 75/185** (2013.01 - EP US)

Citation (search report)

- [X] WO 0158718 A1 20010816 - PERMAR OY [FI], et al
- [I] US 5692625 A 19971202 - FILIPESCU FLORIN [US], et al
- [I] US 2004020168 A1 20040205 - SIMONSEN STEVEN H [US], et al
- [A] GB 2252293 A 19920805 - LIN PAC MOULDINGS [GB]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 202009000365 U1 20090402; DE 202009000365 U9 20090820; EP 2206657 A2 20100714; EP 2206657 A3 20100721;
EP 2206657 B1 20121128; EP 2505512 A1 20121003; EP 2505512 B1 20130529; US 2010178127 A1 20100715; US 8439611 B2 20130514

DOCDB simple family (application)
DE 202009000365 U 20090109; EP 09178300 A 20091208; EP 12173524 A 20091208; US 65595110 A 20100111