

Title (en)
IMPROVEMENTS RELATING TO COUPLING DEVICES

Publication
EP 0145017 A3 19851023 (EN)

Application
EP 84115205 A 19841212

Priority
GB 8333215 A 19831213

Abstract (en)
[origin: EP0145017A2] A coupling device, for a freight container provided at each of its four corners with a mounting plate (40) having an aperture (42) therein. The device comprises a body (6), comprising a flat base plate (10) and a mounting ring (12) with an aperture (14), and an integral head (8) having a portion (20) spaced from the body (6) by a stem portion (18). The head portion (20) has a cross-sectional dimension which enables it to be inserted through the aperture (42) in the mounting plate (40) in one orientation but not in an orientation significantly displaced therefrom. Mounted on the body (6) is a locking member (28, 30) movable between a retracted position and an advanced position. In its advanced position, the locking member (30) lies alongside the stem portion (18), being partially located within a groove (22), and rotation of the device into a position in which the head portion (20) is in alignment with the aperture (42), and thus may retract from the mounting plate (40), is prevented.

IPC 1-7
B66C 1/66

IPC 8 full level
B66C 1/66 (2006.01)

CPC (source: EP)
B66C 1/663 (2013.01)

Citation (search report)
• [Y] US 3617085 A 19711102 - MODREY HENRY J
• [Y] FR 2504900 A1 19821105 - MOREAU PIERRE [FR]
• [A] FR 2261946 A1 19750919 - NILSSON HANS [SE]
• [A] GB 1365720 A 19740904 - HUTSONS LTD, et al
• [A] DE 390717 C 19240227 - KARL STURM

Cited by
US4789194A; FR2818733A1; CN107539875A; WO2005102903A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0145017 A2 19850619; EP 0145017 A3 19851023; GB 2153893 A 19850829; GB 2153893 B 19880330; GB 8333215 D0 19840118; ZA 849635 B 19850731

DOCDB simple family (application)
EP 84115205 A 19841212; GB 8333215 A 19831213; ZA 849635 A 19841211