

Title (en)
FASTENING DEVICE FOR RAILS

Publication
EP 0223897 B1 19890719 (DE)

Application
EP 86101880 A 19860214

Priority
DE 8533479 U 19851128

Abstract (en)
[origin: EP0223897A1] 1. A fastening device for rails, particularly for crane constructions or the like with a clamping plate (14) comprising a clamping portion (15) adapted to downwardly abut on the rail base and an abutment portion (19) laterally abutting on the rail base and a circular bore (21) in which an eccentric disc (23, 23') comprising an engaging surface (25, 26) for a tool is arranged, the eccentric disc comprising an eccentric bore for a screwbolt (27) to secure the clamping plate at a sole plate (17) and with a clamping disc (29) comprising a bore for a screwbolt (27) the clamping disc being adapted to be pressed against the upper side of the clamping plate (14) by the screwbolt (27), the clamping plate being defined such that it is displaceable with regard to the screwbolt (27) on the sole plate (17), characterized in that the clamping plate (14) comprises an approximately S-shaped contour in lateral view, the abutment portion (19) comprises a single flat underside and the circular bore (21) in the abutment portion extends up to the underside.

IPC 1-7
B66C 7/08; **E01B 9/66**

IPC 8 full level
B66C 7/08 (2006.01); **E01B 9/46** (2006.01); **E01B 9/66** (2006.01)

CPC (source: EP)
E01B 9/32 (2013.01); **E01B 9/66** (2013.01)

Cited by
EP1698582A1; CN111620234A; CN103966927A; GB2212842A; EP0794289A1; GB2222426A; GB2222426B; EP1884595A1; DE102006036451A1; EP0512974A1; US2011222801A1; CN102939431A; US8439566B2; AU2011224824B2; US7389940B2; WO2013091587A3; WO03011736A1; EP2133467A1; DE102008028092A1; US8757510B2

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

DOCDB simple family (publication)
EP 0223897 A1 19870603; **EP 0223897 B1 19890719**; **EP 0223897 B2 19940413**; AT E44714 T1 19890815; DE 3664454 D1 19890824; DE 8533479 U1 19860116

DOCDB simple family (application)
EP 86101880 A 19860214; AT 86101880 T 19860214; DE 3664454 T 19860214; DE 8533479 U 19851128