

Title (en)
Supporting device for a rail of railway track

Title (de)
Gleisschienenstützeinrichtung

Title (fr)
Dispositif de support pour rail de voie ferrée

Publication
EP 1118711 B1 20040421 (FR)

Application
EP 01870007 A 20010116

Priority
BE 200000041 A 20000119

Abstract (en)
[origin: EP1118711A2] The rail support consists of an anti-vibration sole plate (17) covered by a metal sole (30) to take the rail, fixed to a supporting structure by adjustable flexible fasteners in the form of threaded rods or bolts (22) with nuts (24), retaining washers (27, 29) and pre-stressed springs (21, 23) with different degrees of rigidity, the outer spring (23) being more rigid than the inner one (21). The metal sole comprises a plate (31) covering the top of the anti-vibration sole plate, perpendicular sides (33) covering at least part of the anti-vibration plate sides, and one or more flanges (35) with holes for the fasteners.

IPC 1-7
E01B 9/38; E01B 9/62

IPC 8 full level
E01B 9/42 (2006.01)

CPC (source: EP)
E01B 9/42 (2013.01)

Cited by
DE102006028740B4; US7717352B2; WO2007147581A2; WO2006106089A3

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
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