

Title (en)
HIGHLY ELASTIC RAIL FASTENING SYSTEM FOR TRACK SYSTEMS

Title (de)
HOCHELASTISCHE SCHIENENBEFESTIGUNG FÜR GLEISANLAGEN

Title (fr)
ATTACHE DE RAIL TRÈS ÉLASTIQUE POUR VOIES FERRÉES

Publication
EP 2044265 B1 20110914 (DE)

Application
EP 07801438 A 20070719

Priority

- EP 2007006432 W 20070719
- DE 102006033760 A 20060721
- DE 102007033968 A 20070719

Abstract (en)
[origin: WO2008009451A1] The invention relates to a highly elastic rail fastening system for track systems, which comprises clip-type tensioning elements (4a, 4b) that are fastened, when mounted, to a steel plate (5) by means of at least one spike (7) each, said plate being configured as a support for a rail base (2), and exert a clamping force maintaining the rail (1) in position, the steel plate (5) being connected to a base, such as a tie body (3), especially a concrete tie, via rail anchors (6a, 6b), an elastic plate (8) being interposed. The invention is characterized in that the spikes (7) fastening the tensioning elements (4a,4b) and the rail anchors (6a, 6b) are superimposed at a distance (s).

IPC 8 full level
E01B 9/48 (2006.01)

CPC (source: EP)
E01B 9/483 (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008009451 A1 20080124; AT E524611 T1 20110915; DE 102007033968 A1 20080214; EP 2044265 A1 20090408; EP 2044265 B1 20110914

DOCDB simple family (application)
EP 2007006432 W 20070719; AT 07801438 T 20070719; DE 102007033968 A 20070719; EP 07801438 A 20070719