

Title (en)
Railway support system for rails

Title (de)
Gleisunterstützungssystem für Schienen

Title (fr)
Système de support de rails pour voie ferrée

Publication
EP 1279770 A3 20030305 (FR)

Application
EP 02447141 A 20020723

Priority
BE 200100502 A 20010725

Abstract (en)
[origin: EP1279770A2] The supporting system consists of a base slab (15) laid on a bed (17) of stabilised sand, sleepers (13) for the rails (11), and anti-vibration soles (12) between the rails and sleepers. There are road surface slabs or beams (21) extending along the outsides of the rails, and slabs (22) between them, with the gaps filled by spacers (25) with static and dynamic rigidity selected to be less than the sole plate. The spacers can be made with portions that pass beneath the rails, and the system can incorporate an anti-vibration layer between the base slab and sand bed.

IPC 1-7
E01B 1/00; **E01B 19/00**; **E01B 21/02**; **E01B 35/12**

IPC 8 full level
E01B 1/00 (2006.01); **E01B 2/00** (2006.01); **E01B 19/00** (2006.01); **E01B 21/02** (2006.01); **E01B 35/12** (2006.01)

CPC (source: EP)
E01B 1/008 (2013.01); **E01B 2/00** (2013.01); **E01B 19/003** (2013.01); **E01B 21/02** (2013.01); **E01B 35/12** (2013.01); **E01B 1/001** (2013.01); **E01B 2203/16** (2013.01); **E01B 2204/01** (2013.01); **E01B 2204/11** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1279770 A2 20030129; **EP 1279770 A3 20030305**; BE 1014311 A5 20030805

DOCDB simple family (application)
EP 02447141 A 20020723; BE 200100502 A 20010725