

Title (en)
A FLOATING SLAB TRACK BED

Title (de)
GLEISBETT MIT SCHWIMMENDER PLATTE

Title (fr)
ASSIETTE DE VOIE DE CHEMIN DE FER A DALLE FLOTTANTE

Publication
EP 1783275 A4 20110323 (DE)

Application
EP 05772401 A 20050720

Priority
• CN 2005001083 W 20050720
• CN 200410035441 A 20040723

Abstract (en)
[origin: CN1707026A] The present invention relates to one kind of railway track structure, which includes floating board and spring vibration isolator to support elastically the floating board on it. The present invention is superior to available rubber floating board and similar units with lower vibration isolating performance, complicated structure and other demerits, and can meet high vibration isolating performance and has simple structure and raised system stability to ensure safe running.

IPC 8 full level
E01B 19/00 (2006.01); **E01B 1/00** (2006.01)

CPC (source: EP KR)
E01B 1/002 (2013.01 - EP); **E01B 19/00** (2013.01 - KR); **E01B 19/003** (2013.01 - EP)

Citation (search report)
• [XYI] GB 1561372 A 19800220 - BRITISH RAILWAYS BOARD
• [XI] EP 0647738 A1 19950412 - LACROIX ALAIN SERGE CHARLES [FR]
• [Y] JP H0882339 A 19960326 - SHIMIZU CONSTRUCTION CO LTD
• [Y] JP 2000193033 A 20000714 - SHIMIZU CONSTRUCTION CO LTD
• See references of WO 2006007791A1

Cited by
CN105970750A; CN102912693A; CN112111999A; EP3121333A1; CN102899971A; CN109826058A; EP3447190A1; ITFI20100161A1; AU2015382274B2; WO2016129001A1; WO2023187424A1; WO2009151193A1; DE202016008896U1; EP3121333B1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1783275 A1 20070509; EP 1783275 A4 20110323; BR PI0513626 A 20080513; CN 101023218 A 20070822; CN 101023218 B 20100721; CN 1297712 C 20070131; CN 1707026 A 20051214; HK 1102695 A1 20071130; JP 2008507640 A 20080313; JP 4745338 B2 20110810; KR 100883571 B1 20090217; KR 20070039599 A 20070412; WO 2006007791 A1 20060126

DOCDB simple family (application)
EP 05772401 A 20050720; BR PI0513626 A 20050720; CN 200410035441 A 20040723; CN 2005001083 W 20050720; CN 200580029990 A 20050720; HK 07110929 A 20071010; JP 2007521773 A 20050720; KR 20077004247 A 20070222