

Title (en)

Railway pad

Title (de)

Abstützung für eine Schiene

Title (fr)

Plaque d'isolation vibratoire pour des chemins fers

Publication

EP 1662046 A1 20060531 (DE)

Application

EP 05025719 A 20051125

Priority

DE 102004057616 A 20041129

Abstract (en)

A railway has rails (10) directly attached to tie-bars ('sleepers') by a clamp fittings (16, 18) to an elastic interface (12). The elastic interface outer margin (48) has higher stiffness in limited outer areas (34, 36).

IPC 8 full level

E01B 9/68 (2006.01)

CPC (source: EP)

E01B 9/681 (2013.01); **E01B 9/685** (2013.01)

Citation (applicant)

- GB 2152119 A 19850731 - MCKAY RALPH LTD
- DE 2210741 B1 19730215 - VOSSLOH WERKE GMBH [DE]

Citation (search report)

- [XA] EP 1041201 A2 20001004 - BUTZBACHER WEICHENBAU GMBH [DE]
- [A] EP 0953681 A1 19991103 - BUTZBACHER WEICHENBAU GMBH [DE]
- [A] DE 4406105 A1 19950831 - BUTZBACHER WEICHENBAU GMBH [DE]

Cited by

WO2020084007A1; EP2990529A1; DE202018106074U1

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 1662046 A1 20060531; **EP 1662046 B1 20100106**; AT E454498 T1 20100115; DE 102004057616 A1 20060601; DE 502005008819 D1 20100225; DK 1662046 T3 20100510; TW 200626765 A 20060801

DOCDB simple family (application)

EP 05025719 A 20051125; AT 05025719 T 20051125; DE 102004057616 A 20041129; DE 502005008819 T 20051125; DK 05025719 T 20051125; TW 94141256 A 20051124