

Title (en)

Railway track having a grooved asymmetrical rail

Title (de)

Schienenfahrbahn mit asymmetrischer Rillenschiene

Title (fr)

Voie ferrée comprenant un rail à semelle dissymétrique

Publication

**EP 1462570 B1 20190605 (FR)**

Application

**EP 04290758 A 20040322**

Priority

FR 0303624 A 20030325

Abstract (en)

[origin: EP1462570A1] The rail has a lower part forming a sleeper (10) in an elongated form, in a transversal direction. An upper part forms a head (30) and a plate at two respective transversal sides. The plate and the head define a groove between them. The sleeper is dissymmetric in a plane perpendicular to a longitudinal direction. The sleeper has a center around which transversal force applied by a support column creates a moment of rotation. An independent claim is also included for an application of the rail in a track.

IPC 8 full level

**E01B 5/04** (2006.01)

CPC (source: EP)

**E01B 5/04** (2013.01)

Citation (examination)

- FR 2827879 A1 20030131 - COGIFER [FR]
- DE 535754 C 19311015 - RUDOLF SPERLING DIPL ING, et al

Cited by

DE102012106138B4; US2022228627A1; EP2050871A1; FR2922229A1; DE102004054794B3; AU2005304143B2; EP3617404A1; EP2298991A1; US7648079B2; WO2006034518A1; WO2006050693A1; DE102012106138A1; WO2014008890A2; US9873988B2; DE102017111298A1; WO2018215033A2; US11891760B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1462570 A1 20040929; EP 1462570 B1 20190605**; ES 2744205 T3 20200224; FR 2852978 A1 20041001; FR 2852978 B1 20060825; PT 1462570 T 20190919

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