

Title (en)

Device for controlling the condition of tracks, especially ballastless tracks

Title (de)

Vorrichtung zur Überwachung des Oberbauzustandes von insbesondere festen Fahrbahnen

Title (fr)

Dispositif pour contrôler l'état des voies ferrées, notamment des voies sans ballast

Publication

EP 1387004 A3 20050209 (DE)

Application

EP 03015746 A 20030710

Priority

DE 10235537 A 20020803

Abstract (en)

[origin: DE10235537C1] A monitoring device, especially for the superstructure of a track (1) of fixed rails (4) comprises a measuring vehicle having, laser contact height sensors to determine the height position of bridging clamps (7) and/or the rail base (9) and/or a sleeper.

IPC 1-7

E01B 35/12

IPC 8 full level

E01B 35/00 (2006.01); **B61K 9/08** (2006.01); **E01B 35/12** (2006.01); **E01B 1/00** (2006.01); **E01B 3/32** (2006.01)

CPC (source: EP KR US)

B61K 9/08 (2013.01 - EP US); **E01B 35/12** (2013.01 - EP KR US); **E01B 1/00** (2013.01 - EP US); **E01B 3/32** (2013.01 - EP US);
E01B 2204/09 (2013.01 - EP US)

Citation (search report)

- [E] EP 1338702 A1 20030827 - INTERMETRIC GES FUER INGENIEUR [DE]
- [A] EP 1170420 A2 20020109 - GSG KNAPE GLEISSANIERUNG GMBH [DE]
- [A] DE 19646830 C1 19980326 - FRAUNHOFER GES FORSCHUNG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 22 9 March 2001 (2001-03-09)

Cited by

KR100792775B1

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 PT RO SE SI SK TR

DOCDB simple family (publication)

DE 20307616 U1 20030918; BR 0302654 A 20040824; CA 2436047 A1 20040203; CA 2436047 C 20080129; CN 1480587 A 20040310; DE 10235537 C1 20031204; EP 1387004 A2 20040204; EP 1387004 A3 20050209; JP 2004068591 A 20040304; JP 3836094 B2 20061018; KR 100792775 B1 20080111; KR 20040014222 A 20040214; TW 200406326 A 20040501; US 2004117075 A1 20040617; US 7023539 B2 20060404

DOCDB simple family (application)

DE 20307616 U 20030516; BR 0302654 A 20030731; CA 2436047 A 20030728; CN 03149818 A 20030725; DE 10235537 A 20020803; EP 03015746 A 20030710; JP 2003278725 A 20030724; KR 20030052474 A 20030729; TW 92119398 A 20030716; US 62640503 A 20030724