Title (en)

Method and surveillance system for managing rail tracks

Title (de)

Verfahren und Überwachungssystem zur Betriebsführung von Schienen-Fahrwegen

Title (fr)

Procédé et système de surveillance destinés à guider le fonctionnement de trajectoires de rails

Publication

EP 2022698 A3 20090909 (DE)

Application

EP 08013222 A 20080723

Priority

DE 102007034504 A 20070724

Abstract (en)

[origin: EP2022698A2] The method involves detecting acceleration data of a track bed in a monitoring area using an acceleration sensor (8), and evaluating the detected acceleration data using a data processing device with respect to a trafficability and/or maximum permissible crossing speed of a rail vehicle in the monitoring area. The evaluated acceleration data are output by a control unit for controlling optical and/or acoustical display and/or control system to control the operation of a rail-track system in the monitoring area. An independent claim is also included for a monitoring system for a rail-track system in an area of temporary support system of the track or track system.

IPC 8 full level

B61L 23/04 (2006.01); E01B 35/12 (2006.01)

CPC (source: EP)

B61L 23/047 (2013.01); **E01B 35/12** (2013.01)

Citation (search report)

- [XAI] US 5743495 A 19980428 - WELLES II KENNETH BRAKELEY [US], et al
- [X] DE 10065954 A1 20020314 - METZNER STEFAN [DE]
- [X] EP 0571852 A1 19931201 - WETZLER GERD R DIPL ING [DE]
- [XDI] DE 102004014282 A1 20051013 - DB NETZ AG [DE]

Cited by

DE102012015020A1; FR3012478A1; FR2994984A1; FR3001237A1; CN104359603A; FR3111609A1; AT518759A1; CN113132687A; FR3073051A1; CN110779457A; US10894551B2; DE202010009904U1; WO2011160951A3; WO2020055641A3; WO2017197423A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2022698 A2 20090211; **EP 2022698 A3 20090909**; **EP 2022698 B1 20100915**; AT E481286 T1 20101015; DE 102007034504 A1 20090205; DE 502008001295 D1 20101028; ES 2352862 T3 20110223; HR P20100685 T1 20110131; PL 2022698 T3 20110331; SI 2022698 T1 20110131

DOCDB simple family (application)

EP 08013222 A 20080723; AT 08013222 T 20080723; DE 102007034504 A 20070724; DE 502008001295 T 20080723; ES 08013222 T 20080723; HR P20100685 T 20101210; PL 08013222 T 20080723; SI 200830112 T 20080723