

Title (en)

Method for effect-related assessment of the placing of a track

Title (de)

Verfahren zur wirkungsbezogenen Beurteilung der Lagequalität eines Gleises

Title (fr)

Procédé destiné à l'évaluation en fonction de l'effet de la qualité de stockage d'une voie

Publication

**EP 1977950 A3 20091007 (DE)**

Application

**EP 08003150 A 20080221**

Priority

DE 102007016395 A 20070403

Abstract (en)

[origin: DE102007016395B3] The method involves utilizing track variations with different form, amplitude and length. Characteristic parameters associated to the variations are determined. Limit values of a temporal lapse of a vehicle reaction for the variations are calculated under variation of vehicle speed and/or a track curvature. Regression coefficients for the vehicle reaction are determined using a regression analysis by satisfying a preset vehicle-specific quantification equation which relates the speed, the curvature and the parameter.

IPC 8 full level

**B61K 9/08** (2006.01)

CPC (source: EP)

**B61K 9/08** (2013.01); **B61L 23/047** (2013.01)

Citation (search report)

- [A] WO 2006032307 A1 20060330 - DEUTSCHE BAHN AG [DE], et al
- [A] GB 2416034 A 20060111 - HITACHI LTD [JP]
- [A] US 3638482 A 19720201 - SCHUBERT EGON
- [A] EP 0707196 A2 19960417 - FIAT FERROVIARIA SPA [IT]
- [A] WO 0051868 A1 20000908 - SIEMENS AG [DE], et al
- [A] EP 1344702 A1 20030917 - VOLKER STEVIN RAIL & TRAFFIC B [NL]

Cited by

DE102014119095A1; AT523627A4; AT523627B1; DE102011101226A1; EP3053804A2

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)

**DE 102007016395 B3 20080703**; EP 1977950 A2 20081008; EP 1977950 A3 20091007; EP 1977950 B1 20130410; ES 2412255 T3 20130710; PL 1977950 T3 20130930; PT 1977950 E 20130510; SI 1977950 T1 20130830

DOCDB simple family (application)

**DE 102007016395 A 20070403**; EP 08003150 A 20080221; ES 08003150 T 20080221; PL 08003150 T 20080221; PT 08003150 T 20080221; SI 200830993 T 20080221