

Title (en)

Measuring method for detecting the compliance of a track and vehicle for carrying out said method

Title (de)

Messverfahren zum Erfassen der Nachgiebigkeit eines Gleises und Fahrzeug zur Durchführung dieses Verfahrens

Title (fr)

Procédé de mesure de la compliance d'une voie ferrée et véhicule pour l'application de ce procédé

Publication

EP 1361136 B1 20041020 (DE)

Application

EP 03000489 A 20030111

Priority

DE 10220175 A 20020506

Abstract (en)

[origin: EP1361136A1] The measuring method uses a measuring vehicle (3) for obtaining a continuous measurement via an inertial measuring method, for determining the vertical and horizontal positions of the track rails (5). A first onboard measuring system (1) provides rail measurements on either side of the track immediately adjacent a loaded wheel set (6), a second onboard measuring system (2) located at the centre of the measuring vehicle for providing a load-free rail measurement for the same track point. An Independent claim for a rail track flexure measuring device is also included.

IPC 1-7

B61K 9/08

IPC 8 full level

B61K 9/08 (2006.01)

CPC (source: EP)

B61K 9/08 (2013.01)

Cited by

CN109910948A; CN103754235A; EA038425B1; US11834081B2; CN111587202A; WO2018149650A1; WO2005108676A1; US11912317B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1361136 A1 20031112; EP 1361136 B1 20041020; AT E280065 T1 20041115; DE 10220175 C1 20030417; DE 50300116 D1 20041125; ES 2225800 T3 20050316

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