

Title (en)

Vehicle for measuring the geometric condition of a railway track

Title (de)

Fahrzeug zur Vermessung des geometrischen Zustandes eines Gleises

Title (fr)

Véhicule de mesure de l'état géométrique d'une voie ferrée.

Publication

**EP 1083106 B1 20041027 (FR)**

Application

**EP 00810805 A 20000907**

Priority

FR 9911302 A 19990909

Abstract (en)

[origin: EP1083106A1] The gauging vehicle for railways (V) has a rigid chassis forming the measuring base, supported on bogies (10-12). The chassis has opto-electronic sensors to measure the elastic deformations of the chassis (9) during their movement along the rails. The chassis deformation values are fed to controls for correcting the revised geometric configuration.

IPC 1-7

**B61K 9/08**

IPC 8 full level

**E01B 35/04** (2006.01); **B61K 9/08** (2006.01); **G01B 11/16** (2006.01); **G01B 21/32** (2006.01)

CPC (source: EP US)

**B61K 9/08** (2013.01 - EP US)

Cited by

CN102768340A; FR2966847A1; CN112284327A

DOCDB simple family (publication)

**EP 1083106 A1 20010314**; **EP 1083106 B1 20041027**; DE 60015268 D1 20041202; DE 60015268 T2 20051103; FR 2798347 A1 20010316; FR 2798347 B1 20011130; JP 2001114104 A 20010424; US 6415522 B1 20020709

DOCDB simple family (application)

**EP 00810805 A 20000907**; DE 60015268 T 20000907; FR 9911302 A 19990909; JP 2000269524 A 20000906; US 65611500 A 20000906