

Title (en)

METHOD AND DEVICE FOR LATERAL COPYING AT A RAIL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SEITENKOPIERUNG AN EINER SCHIENE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COPIAGE LATÉRAL SUR UN RAIL

Publication

EP 2895655 A1 20150722 (DE)

Application

EP 13770620 A 20130830

Priority

- AT 9942012 A 20120912
- AT 2013000140 W 20130830

Abstract (en)

[origin: WO2014040094A1] The method according to the invention and a device suitable therefor are used for controlling various device units on a rail vehicle by means of lateral copying. By additionally using available information from the track channel (12), for example, of check rails (30) or wing or switch rails (31, 33), device units for machining and/or analyzing laid tracks (10) can more precisely follow the actual rail profile, in particular in the region of rail gaps or railroad crossings. The lateral copying of the rails (10) and the copying of the rest of the track channel (12) takes place with at least one dual-action or a plurality of single-action or dual-action scanning or sensor units (20).

IPC 8 full level

E01B 31/02 (2006.01); **B61K 9/08** (2006.01)

CPC (source: AT CN EP US)

E01B 31/02 (2013.01 - CN EP US); **E01B 31/12** (2013.01 - AT US); **E01B 31/13** (2013.01 - AT); **E01B 31/15** (2013.01 - AT); **E01B 31/17** (2013.01 - AT); **E01B 31/175** (2013.01 - AT); **E01B 35/00** (2013.01 - AT CN EP US); **E01B 2203/16** (2013.01 - CN)

Citation (search report)

See references of WO 2014040094A1

Cited by

DE202024102080U1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014040094 A1 20140320; AT 513347 A1 20140315; AT 513347 B1 20150515; CN 104603361 A 20150506; CN 104603361 B 20170620; EP 2895655 A1 20150722; EP 2895655 B1 20190710; US 2015233064 A1 20150820; US 9822492 B2 20171121

DOCDB simple family (application)

AT 2013000140 W 20130830; AT 9942012 A 20120912; CN 201380045880 A 20130830; EP 13770620 A 20130830; US 201314426505 A 20130830