

Title (en)

DERAILMENT-PREVENTING AND RERAILING SAFETY DEVICE FOR A GUIDE UNIT HAVING ROLLERS ROLLING ON A GUIDE RAIL

Title (de)

SICHERHEITSVORRICHTUNG ZUR VERHINDERUNG VON ENTGLEISUNG UND ZUR EINGLEISUNG FÜR EINE FÜHRUNGSEINHEIT MIT ROLLEN AUF EINER FÜHRUNGSSCHIENE

Title (fr)

DISPOSITIF DE SECURITE ANTI-EXTRACTION A REENGAGEMENT POUR UN ENSEMBLE DE GUIDAGE A GALETS ROULANT SUR UN RAIL DE GUIDAGE

Publication

**EP 2782807 A1 20141001 (FR)**

Application

**EP 12813977 A 20121120**

Priority

- FR 1160665 A 20111122
- IB 2012056560 W 20121120

Abstract (en)

[origin: WO2013076645A1] The invention relates to a derailment-preventing device, comprising, on either side, a flanking element (33) which does not rotate with the corresponding roller (13), and which includes at least one inclined flap (49) that is pivotably hinged between a bottom position, in which the bottom portion (51) thereof extends under the head of the rail, and a top position, in which the bottom portion thereof is laterally spaced apart from the rail. The pivot pin (55) of said flap is inclined upward and located in the rear portion of the flap, above the bottom portion (51) in the bottom position. Said flap is subjected to a downward return force that keeps the flap in the bottom position, but allows the pivotal movement thereof into the top position when an upward force greater than the return force is applied to the bottom portion of said flap.

IPC 8 full level

**B61F 9/00** (2006.01); **B62D 1/26** (2006.01)

CPC (source: EP US)

**B61F 9/00** (2013.01 - EP US); **B62D 1/265** (2013.01 - EP US)

Citation (search report)

See references of WO 2013076645A1

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

DOCDB simple family (publication)

**FR 2982827 A1 20130524; FR 2982827 B1 20131129**; BR 112014011763 A2 20170516; CA 2855737 A1 20130530; CL 2014001253 A1 20141107; CN 103946098 A 20140723; CN 103946098 B 20170222; CO 6960517 A2 20140530; EP 2782807 A1 20141001; JP 2015501750 A 20150119; KR 20140098086 A 20140807; RU 2014119553 A 20151120; US 2014331887 A1 20141113; WO 2013076645 A1 20130530; ZA 201403459 B 20150729

DOCDB simple family (application)

**FR 1160665 A 20111122**; BR 112014011763 A 20121120; CA 2855737 A 20121120; CL 2014001253 A 20140513; CN 201280056896 A 20121120; CO 14102727 A 20140513; EP 12813977 A 20121120; IB 2012056560 W 20121120; JP 2014541808 A 20121120; KR 20147013724 A 20121120; RU 2014119553 A 20121120; US 201214359227 A 20121120; ZA 201403459 A 20140514