

Title (en)

HAND-BRAKE DEVICE OF A RAIL VEHICLE WITH AN INDICATING ELEMENT PLACED INSIDE THE HANDWHEEL

Title (de)

HANDBREMSVORRICHTUNG EINES SCHIENENFAHRZEUGS MIT INNERHALB DES HANDRADES ANGEORDNETEM ANZEIGEELEMENT

Title (fr)

DISPOSITIF DE FREIN DE STATIONNEMENT D'UN VEHICULE FERROVIAIRE POURVU D'UN AFFICHEUR PLACE DANS LE VOLANT

Publication

EP 1896311 B1 20170809 (DE)

Application

EP 06754489 A 20060622

Priority

- EP 2006005989 W 20060622
- DE 102005029558 A 20050623
- DE 102005045879 A 20050926

Abstract (en)

[origin: WO2006136403A1] The invention relates to a hand-brake device of a rail vehicle, containing at least one handwheel (4), which can rotate relative to a bearing housing (2) and which serves to tension and release the hand-brake, and containing at least one optical indicating element (6) for indicating the tensioned or released state of the hand-brake. The invention provides that the indicating element (6) is placed inside an imaginary surface of a cylinder having the diameter of the handwheel (4).

IPC 8 full level

B61H 13/02 (2006.01)

CPC (source: EP)

B61H 13/02 (2013.01); **G05G 1/015** (2013.01); **G05G 1/08** (2013.01)

Cited by

CZ308765B6

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005045879 B3 20070104; EP 1896311 A1 20080312; EP 1896311 B1 20170809; RU 2008102359 A 20090727; RU 2408485 C2 20110110; WO 2006136403 A1 20061228

DOCDB simple family (application)

DE 102005045879 A 20050926; EP 06754489 A 20060622; EP 2006005989 W 20060622; RU 2008102359 A 20060622