

Title (en)

DEVICE FOR DISPLACING A TONGUE BLADE IN ADDITION TO A HEIGHT-ADJUSTABLE ROLLER DEVICE

Title (de)

VORRICHTUNG ZUM VERSCHIEBEN EINER ZUNGENSCHIENE SOWIE HÖHENEINSTELLBARE ROLLVORRICHTUNG

Title (fr)

DISPOSITIF DE DEPLACEMENT D'UNE LAME D'AIGUILLE AINSI QUE DISPOSITIF A ROULEAUX POUVANT ETRE REGLE EN HAUTEUR

Publication

EP 1709248 A1 20061011 (DE)

Application

EP 05707070 A 20050128

Priority

- EP 2005000866 W 20050128
- DE 102004004784 A 20040130

Abstract (en)

[origin: WO2005073465A1] The invention relates to a device (1) which is used to lift and displace the tongue blade (2) of a rail (6), comprising at least two rollers (12, 14) whereby the axes thereof are arranged in an essentially parallel manner in relation to a running rail (4), in order to displace the tongue blade (2) in a transversal manner in relation to the running rail (4), at least two support carrier pins (22, 24) which respectively support a roller (12, 14), and a base body (8) which supports the carrier pins (22, 24). The rollers (12, 14) have a projection which projects in at least one first direction in relation to the base body (8). The inventive device is characterised in that a covering (10) is arranged between at least two adjacent rollers and is oriented towards the first direction and at least partially covers a passage between the at least two adjacent rollers (12, 14).

IPC 8 full level

E01B 7/02 (2006.01)

CPC (source: EP US)

E01B 7/02 (2013.01 - EP US); **E01B 2202/046** (2013.01 - EP US)

Citation (search report)

See references of WO 2005073465A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005073465 A1 20050811; AT E550491 T1 20120415; AU 2005209413 A1 20050811; AU 2005209413 B2 20090625;
CA 2554531 A1 20050811; CA 2554531 C 20130122; CN 1914376 A 20070214; CN 1914376 B 20100526; DE 102004004784 A1 20050825;
DE 102004004784 B4 20070510; EP 1709248 A1 20061011; EP 1709248 B1 20120321; ES 2384570 T3 20120709; PL 1709248 T3 20120831;
US 2007284484 A1 20071213; US 7766283 B2 20100803

DOCDB simple family (application)

EP 2005000866 W 20050128; AT 05707070 T 20050128; AU 2005209413 A 20050128; CA 2554531 A 20050128;
CN 200580003664 A 20050128; DE 102004004784 A 20040130; EP 05707070 A 20050128; ES 05707070 T 20050128;
PL 05707070 T 20050128; US 58717405 A 20050128