

Title (en)

SWITCH HAVING MOVABLE FROG TIP

Title (de)

WEICHE MIT BEWEGLICHER HERZSTÜCKSPITZE

Title (fr)

AIGUILAGE COMPORTANT UNE POINTE DE COEUR DE CROISEMENT MOBILE

Publication

EP 2240641 A1 20101020 (DE)

Application

EP 09702990 A 20090112

Priority

- AT 2009000007 W 20090112
- AT 532008 A 20080114

Abstract (en)

[origin: CA2711899A1] In a switch comprising a switch frog (1) with a movable frog tip (2) and wing rails (5, 6), wherein the wing rails (5, 6) in the region of the frog tip (2) have a rail profile that is lower than a standard rail, the wing rails (5, 6) are configured as Vignol rails, the region thereof configured with the lower rail profile being produced by metal-forming starting with the Vignol rail profile.

IPC 8 full level

E01B 7/14 (2006.01)

CPC (source: EP US)

E01B 7/14 (2013.01 - EP US)

Citation (search report)

See references of WO 2009089558A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

AT 506269 A1 20090715; AT 506269 A8 20091015; AT 506269 B1 20100215; AU 2009205916 A1 20090723; AU 2009205916 B2 20150514; BR PI0906853 A2 20151006; BR PI0906853 B1 20190212; CA 2711899 A1 20090723; EP 2240641 A1 20101020; RU 2443824 C1 20120227; US 2011011986 A1 20110120; US 8746630 B2 20140610; WO 2009089558 A1 20090723; ZA 201004948 B 20110330

DOCDB simple family (application)

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