

Title (en)
SWITCH DEVICE

Title (de)
ZUNGENVORRICHTUNG

Title (fr)
DISPOSITIF AIGUILLE

Publication
EP 3684975 A1 20200729 (DE)

Application
EP 18762052 A 20180827

Priority

- DE 102017121729 A 20170919
- DE 102017129825 A 20171213
- EP 2018072955 W 20180827

Abstract (en)
[origin: CA3064153A1] The invention relates to a switch device comprising a switch rail (12), the switch device comprising at least one stock rail (14), a junction rail (32) and a switch rail support (16), and the switch rail and the connecting rail being interconnected by a weld joint (34). The switch rail support (16) comprises a through-opening (36) or a recess beneath the weld joint, the width of the through-opening or the recess being wider than the width of the switch rail (12). Furthermore, the length of the through-opening or the recess allows the junction rail (32) to connect to switch rails of the same or different lengths.

IPC 8 full level
E01B 7/02 (2006.01)

CPC (source: EP RU US)
E01B 7/02 (2013.01 - EP RU US); **E01B 7/24** (2013.01 - RU US); **E01B 7/22** (2013.01 - US); **E01B 2202/027** (2013.01 - US); **E01B 2202/042** (2013.01 - US); **E01B 2202/046** (2013.01 - US)

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)
DE 102017129825 A1 20190321; AU 2018336651 A1 20191212; AU 2018336651 B2 20231221; CA 3064153 A1 20190328; CN 111133149 A 20200508; CN 111133149 B 20210903; DK 3684975 T3 20230515; EP 3684975 A1 20200729; EP 3684975 B1 20230222; MA 50154 A 20210414; MA 50154 B1 20230531; PL 3684975 T3 20230807; RU 2734950 C1 20201026; TW 201918608 A 20190516; TW I726239 B 20210501; UA 122761 C2 20201228; US 11499271 B2 20221115; US 2020208355 A1 20200702; WO 2019057441 A1 20190328

DOCDB simple family (application)
DE 102017129825 A 20171213; AU 2018336651 A 20180827; CA 3064153 A 20180827; CN 201880060922 A 20180827; DK 18762052 T 20180827; EP 18762052 A 20180827; EP 2018072955 W 20180827; MA 50154 A 20180827; PL 18762052 T 20180827; RU 2020113704 A 20180827; TW 107131727 A 20180910; UA A202002447 A 20180827; US 201816621049 A 20180827