

Title (en)

A SWITCHING DEVICE WITH IMPROVED RELEASE MECHANISM IN CASE OF SHORT CIRCUIT

Title (de)

SCHALTGERÄT MIT VERBESSERTER AUSLÖSEMECHANIK IM KURZSCHLUSSFALL

Title (fr)

CONTACTEUR AVEC UN MÉCANISME DE DÉCLENCHEMENT AMÉLIORÉ EN CAS DE COURT-CIRCUIT

Publication

**EP 2989653 A1 20160302 (DE)**

Application

**EP 13765677 A 20130913**

Priority

EP 2013068981 W 20130913

Abstract (en)

[origin: WO2015036029A1] The invention relates to a switching device comprising an arc quenching chamber (1) in which a contact arrangement consisting of a stationary and a moving contact element (3) is arranged, the moving contact element (3) being guided in a sliding contact (2). The invention is characterized in that the moving contact element (3) is guided by inclined centering structures (7) on the housing walls of the arc quenching chamber (1) when tripped.

IPC 8 full level

**H01H 9/34** (2006.01); **H01H 71/02** (2006.01)

CPC (source: EP US)

**H01H 9/346** (2013.01 - EP US); **H01H 33/02** (2013.01 - US); **H01H 2071/0292** (2013.01 - EP US)

Citation (search report)

See references of WO 2015036029A1

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)

**WO 2015036029 A1 20150319**; BR 112016002050 A2 20170801; BR 112016002050 B1 20210817; CN 105340041 A 20160217; CN 105340041 B 20170707; EP 2989653 A1 20160302; EP 2989653 B1 20170531; US 2016203926 A1 20160714; US 9659726 B2 20170523

DOCDB simple family (application)

**EP 2013068981 W 20130913**; BR 112016002050 A 20130913; CN 201380077766 A 20130913; EP 13765677 A 20130913; US 201314914521 A 20130913