

Title (en)

SWITCHING DEVICE HAVING A DAMPING ELEMENT FOR THE CONTACT SYSTEM DURING ABRUPT SWITCHING ON

Title (de)

SCHALTGERÄT MIT EINEM DÄMPFUNGSELEMENT FÜR DAS KONTAKTSYSTEM BEIM SPRUNGHAFTEN EINSCHALTEN

Title (fr)

APPAREIL DE COMMUTATION POURVU D'UN ÉLÉMENT AMORTISSEUR POUR LE SYSTÈME DE CONTACT LORS D'UNE MISE EN CIRCUIT BRUSQUE

Publication

EP 3055875 B1 20180516 (DE)

Application

EP 14731201 A 20140611

Priority

EP 2014062138 W 20140611

Abstract (en)

[origin: WO2015188858A1] The invention relates to a switching device having a damping element (10) for the contact system during abrupt switching on, wherein the contact system has a contact slide (1) and a switching piece (2) movably guided therein, and wherein the movable switching piece (2) is mounted opposite a fixed switching piece (3). The invention is characterised in that the contact slide (1) has at least one projection (15) which is operatively connected to the damping element (10) when the switching device is switched on abruptly.

IPC 8 full level

H01H 50/30 (2006.01); **H01H 1/50** (2006.01); **H01H 3/60** (2006.01); **H01H 50/54** (2006.01); **H01H 71/50** (2006.01)

CPC (source: EP US)

H01H 1/50 (2013.01 - EP US); **H01H 3/60** (2013.01 - EP US); **H01H 50/30** (2013.01 - EP US); **H01H 50/546** (2013.01 - EP US); **H01H 71/504** (2013.01 - EP US); **H01H 2001/508** (2013.01 - EP 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

DOCDB simple family (publication)

WO 2015188858 A1 20151217; BR 112016015651 A2 20170808; BR 112016015651 B1 20220111; CN 106463310 A 20170222; CN 106463310 B 20180803; EP 3055875 A1 20160817; EP 3055875 B1 20180516; US 10043628 B2 20180807; US 2017032918 A1 20170202

DOCDB simple family (application)

EP 2014062138 W 20140611; BR 112016015651 A 20140611; CN 201480079719 A 20140611; EP 14731201 A 20140611; US 201415303777 A 20140611