

Title (en)

Arc quenching device and installation switch device with same

Title (de)

Lichtbogenlöscheinrichtung und Installationsschaltgerät mit einer Lichtbogenlöscheinrichtung

Title (fr)

Installation d'extinction d'arc lumineux et commutateur d'installation avec une installation d'extinction d'arc lumineux

Publication

EP 2648199 A3 20140312 (DE)

Application

EP 12004401 A 20120612

Priority

DE 102012006922 A 20120405

Abstract (en)

[origin: EP2648199A2] The device has a funnel-shaped intake region (6) narrowing asymmetrically in an arc running direction with respect to a longitudinal center axis. Arc extinguishing plates (1, 1') are alternately arranged one above the other at a longitudinal center axis for formation of an arc-extinguishing plate stack (2). The arc extinguishing plates are reflected one above other at the longitudinal center axis, so that each arc extinguishing plate is partially covered with the adjacent arc extinguishing plate at intake legs (8, 8') in a stacking direction. An independent claim is also included for an installation switching device.

IPC 8 full level

H01H 9/36 (2006.01)

CPC (source: EP)

H01H 9/362 (2013.01); **H01H 9/345** (2013.01); **H01H 2009/365** (2013.01)

Citation (search report)

- [X] DE 202005019323 U1 20060209 - HESS TRADING SR SPOL S R O [SK]
- [X] DE 1903074 U 19641029 - STOTZ KONTAKT GMBH [DE]
- [Y] DE 10356271 A1 20050623 - SIEMENS AG [DE]
- [XY] DATABASE WPI Week 200825, Derwent World Patents Index; AN 2008-D27571, XP002719586

Cited by

CN105900204A; CN105684118A; WO2015188865A1; WO2015063120A1; WO2016078875A1

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)

EP 2648199 A2 20131009; EP 2648199 A3 20140312; CN 103366989 A 20131023; DE 202012013107 U1 20141028

DOCDB simple family (application)

EP 12004401 A 20120612; CN 201310119152 A 20130408; DE 202012013107 U 20120612