

Title (en)

ELECTRICAL APPLIANCE COMPRISING MEANS FOR LIMITING THE FORMATION OF AN ELECTRIC ARC

Title (de)

ELEKTROGERÄT MIT VORRICHTUNG ZUR BEGRENZUNG DER BILDUNG EINES LICHTBOGENS

Title (fr)

APPAREILLAGE ELECTRIQUE COMPORTANT DES MOYENS POUR LIMITER LA FORMATION D'UN ARC ELECTRIQUE

Publication

**EP 2774159 B1 20150916 (FR)**

Application

**EP 12779073 A 20121031**

Priority

- FR 1159946 A 20111103
- EP 2012071548 W 20121031

Abstract (en)

[origin: WO2013064532A1] The invention proposes a high-voltage appliance (10) comprising a fixed contact (12), a contact (22) in the appliance (10) that is movable between an upstream position in which the movable contact (22) is connected to the fixed contact (12) and a disconnected downstream position, in which the movable contact (22) comprises an axial rod (26) extending in the upstream direction, the upstream axial end (26a) of which is able to come into contact with the fixed contact (12), characterized in that the movable contact (22) carries a discharge-arrester component (34) extending radially around the end (26a) of the rod (26), and of which an upstream face (36) of the discharge-arrester component (34), which face is situated axially opposite the fixed contact (12), is smooth.

IPC 8 full level

**H01H 33/24** (2006.01); **H01H 1/64** (2006.01); **H01H 33/04** (2006.01)

CPC (source: EP)

**H01H 33/245** (2013.01); **H01H 1/64** (2013.01); **H01H 33/045** (2013.01)

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 2013064532 A1 20130510**; CN 104040663 A 20140910; CN 104040663 B 20180102; EP 2774159 A1 20140910; EP 2774159 B1 20150916; FR 2982412 A1 20130510; FR 2982412 B1 20141226; KR 20140097165 A 20140806

DOCDB simple family (application)

**EP 2012071548 W 20121031**; CN 201280065874 A 20121031; EP 12779073 A 20121031; FR 1159946 A 20111103; KR 20147012648 A 20121031