

Title (en)

MOVING CONTACT PROTECTIVE SLEEVE, CONTACT MODULE HAVING SAME AND ISOLATING SWITCH

Title (de)

BEWEGBARE SCHALTKONTAKTSCHUTZHÜLLE, KONTAKTMODUL DAMIT SOWIE TRENNSCHALTER

Title (fr)

MANCHON PROTECTEUR DE CONTACT MOBILE, MODULE DE CONTACT LE COMPRENANT ET SECTIONNEUR

Publication

**EP 3226275 A1 20171004 (EN)**

Application

**EP 17162877 A 20170324**

Priority

CN 201610183502 A 20160328

Abstract (en)

The present invention relates to a moving contact protective sleeve, a contact module having same and an isolating switch. The moving contact protective sleeve comprises: a connecting body; a first protective plate, connected on one side of the connecting body; and a second protective plate, connected on another side of the connecting body; wherein the first protective plate, the connecting body and the second protective plate together form a cavity for accommodating a moving contact of the isolating switch. The moving contact protective sleeve according to the present invention is structurally simple and low-cost, can effectively protect the moving contact, and accelerate the extinguishing of an arc. It can enhance the reliability with which current is broken and established, and increase the safety and reliability of the entire contact module and the isolating switch.

IPC 8 full level

**H01H 3/46** (2006.01); **H01H 31/28** (2006.01); **H01H 1/42** (2006.01); **H01H 9/30** (2006.01); **H01H 31/12** (2006.01)

CPC (source: CN EP)

**H01H 1/64** (2013.01 - CN); **H01H 3/46** (2013.01 - EP); **H01H 31/28** (2013.01 - EP); **H01H 1/42** (2013.01 - EP); **H01H 19/64** (2013.01 - EP); **H01H 31/12** (2013.01 - EP); **H01H 2009/305** (2013.01 - EP)

Citation (search report)

- [XY] CN 102184814 A 20110914 - JIANGSU PHONO ELECTRIC CO LTD
- [XY] DE 20312624 U1 20041223 - MOELLER GMBH [DE]
- [XY] CZ 298548 B6 20071031 - OEZ [CZ]
- [YA] EP 2963665 A1 20160106 - SIEMENS AG [DE]

Cited by

CN108987133A; CN108648936A

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 3226275 A1 20171004**; **EP 3226275 B1 20190313**; CN 107240515 A 20171010

DOCDB simple family (application)

**EP 17162877 A 20170324**; CN 201610183502 A 20160328