Title (en)

FUNCTIONAL SPACER FOR SEPARATING CARTRIDGES IN A MULTIPOLAR CUTOFF DEVICE, AND CIRCUIT BREAKER

Title (de)

FUNKTIONELLE ABSTANDSHALTER ZUR TRENNUNG VON SCHALTKAMMERN BEI EINER MEHRPOLIGEN TRENNVORRICHTUNG UND SCHUTZSCHALTER

Title (fr)

ENTRETOISE FONCTIONNELLE DE SEPARATION DES AMPOULES DANS UN DISPOSITIF DE COUPURE MULTIPOLAIRE ET DISJONCTEUR

Publication

**EP 2478537 A1 20120725 (FR)**

Application

**EP 10768509 A 20100830**

Priority

- FR 0904458 A 20090918
- FR 2010000594 W 20100830

Abstract (en)

[origin: WO2011033184A1] So as to make the best use of the modularity provided by a double-casing multipolar circuit breaker (100), a novel architecture is provided. A potion of the outer housing (48) of the cutoff apparatus (100) is formed directly during the assembly of the cutoff device (600) by means of juxtaposing and rigidly connecting the unipolar cutoff units (10), spacers (46), and sidewalls (50) together. It is thus possible to use the spacers (46) for various functionalities and in particular for modifying the outer appearance of the cutoff device (100) or the nature of the triggering unit after the fact.

IPC 8 full level

**H01H 1/20** (2006.01)

CPC (source: EP KR US)

**H01H 1/2058** (2013.01 - EP KR US); **H01H 71/0235** (2013.01 - KR); H01H 71/0235 (2013.01 - EP US); H01H 2071/0285 (2013.01 - EP KR US)

Citation (search report)

See references of WO 2011033184A1

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011033184 A1 20110324**; **WO 2011033184 A9 20120607**; AU 2010297166 A1 20120405; AU 2010297166 B2 20140724; BR 112012006165 A2 20160531; BR 112012006165 B1 20200609; CA 2772696 A1 20110324; CA 2772696 C 20161011; CL 2012000645 A1 20121012; CN 102667990 A 20120912; CN 102667990 B 20150204; EA 022811 B1 20160331; EA 201270435 A1 20120830; EG 26492 A 20131218; EP 2478537 A1 20120725; EP 2478537 B1 20130529; ES 2420509 T3 20130823; FR 2950475 A1 20110325; FR 2950475 B1 20110916; JP 2013505528 A 20130214; JP 5558572 B2 20140723; KR 101740755 B1 20170526; KR 20120083342 A 20120725; PL 2478537 T3 20131031; SG 179097 A1 20120530; US 2012152718 A1 20120621; US 8829369 B2 20140909; ZA 201201430 B 20121227

DOCDB simple family (application)

**FR 2010000594 W 20100830**; AU 2010297166 A 20100830; BR 112012006165 A 20100830; CA 2772696 A 20100830; CL 2012000645 A 20120313; CN 201080048617 A 20100830; EA 201270435 A 20100830; EG 2012030479 A 20120318; EP 10768509 A 20100830; ES 10768509 T 20100830; FR 0904458 A 20090918; JP 2012529315 A 20100830; KR 20127006933 A 20100830; PL 10768509 T 20100830; SG 2012017273 A 20100830; US 201013393743 A 20100830; ZA 201201430 A 20120227