

Title (en)

Bipolar automatic circuit breaker for low-voltage applications

Title (de)

Bipolarer automatischer Schutzschalter für Niederspannungsanwendungen

Title (fr)

Interrupteur automatique bipolaire pour applications de basse tension

Publication

EP 2175468 A3 20130904 (EN)

Application

EP 09171337 A 20090925

Priority

IT MI20080329 U 20081010

Abstract (en)

[origin: EP2175468A2] A low-voltage bipolar automatic circuit breaker comprising a couple of electrical poles each of which has a device for protection against short-circuits. The circuit breaker further comprises a differential protection device associated with both poles and a single overload protection device associated with one of the two poles which causes the tripping of a closing/opening kinematic mechanism and the consequent opening of the contacts of the two poles upon detection of an overload fault condition.

IPC 8 full level

H01H 83/22 (2006.01); **H01H 83/14** (2006.01)

CPC (source: EP)

H01H 83/142 (2013.01); **H01H 83/144** (2013.01)

Citation (search report)

- [Y] EP 0103167 A1 19840321 - BBC BROWN BOVERI & CIE [DE]
- [Y] FR 2391549 A1 19781215 - ELETTRCONDUTTURE [IT]
- [A] GB 1223620 A 19710224 - CONDOR WERK GEBRUDER FREDE KOM [DE]
- [AP] WO 2009071552 A1 20090611 - ABB SPA [IT], et al

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2175468 A2 20100414; **EP 2175468 A3 20130904**; AU 2009222597 A1 20100429; CN 101728127 A 20100609; IT MI20080329 U1 20100411; RU 2009137575 A 20110420; RU 2505881 C2 20140127

DOCDB simple family (application)

EP 09171337 A 20090925; AU 2009222597 A 20091002; CN 200910179357 A 20091010; IT MI20080329 U 20081010; RU 2009137575 A 20091009