

Title (en)

Electric switchgear with top and bottom connection

Title (de)

Elektrogerät zum Schneiden mit oberem und unterem Anschluss

Title (fr)

Appareil électrique de coupure à connexion haute et basse

Publication

EP 2085998 B1 20130403 (FR)

Application

EP 09300004 A 20090203

Priority

FR 0800575 A 20080204

Abstract (en)

[origin: EP2085998A1] The apparatus has an electronic circuit (PCBA) assuring differential function and powered between a neutral line (N) and a phase line (L). Connection devices, fixed contacts (5, 5') and mobile contacts (6, 6') are respectively arranged on the neutral and phase lines. A mechanical trigger lock having a mobile contact carrier is actuated by an operating unit. The electronic circuit is connected to the neutral and phase lines at sides of the mobile and fixed contacts, respectively. An additional switch (7) is provided between the phase line and the electronic circuit.

IPC 8 full level

H01H 83/22 (2006.01)

CPC (source: CN EP)

H01H 83/226 (2013.01 - CN EP); **H01H 2083/045** (2013.01 - CN EP)

Cited by

WO2019122539A1; CN112243530A; EP2455961A1; ITBG20100062A1; AU2011239222B2; CN112863966A; EP4068328A4; WO2019220022A1; EP2685484B1

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 TR

DOCDB simple family (publication)

EP 2085998 A1 20090805; EP 2085998 B1 20130403; AU 2009200402 A1 20090820; AU 2009200402 B2 20130919; CN 101533742 A 20090916; CN 104658826 A 20150527; CN 104658826 B 20180112; ES 2417632 T3 20130808; FR 2927195 A1 20090807

DOCDB simple family (application)

EP 09300004 A 20090203; AU 2009200402 A 20090204; CN 200910134636 A 20090204; CN 201510090696 A 20090204; ES 09300004 T 20090203; FR 0800575 A 20080204