

Title (en)

Electrical switchgear with rotating mobile contact(s)

Title (de)

Elektrisches Unterbrechungsgerät mit Drehunterbrecherkontakt(en)

Title (fr)

Appareil électrique de coupure à contact(s) mobile(s) rotatif(s)

Publication

EP 2061050 A1 20090520 (FR)

Application

EP 08354074 A 20081008

Priority

FR 0708047 A 20071116

Abstract (en)

The apparatus (A) has a set of movable contact supports e.g. rotating contact-carrier shaft (4), for supporting a set of movable contacts (2), which is arranged with respect to a set of fixed contacts (3). Each support is rotatably mounted between an opening position and a closing position. A contact pressure ensuring spring (15) ensures contact pressure between the fixed and movable contacts. Locking units lock another set of contact supports (5) in the former set of supports, where the units are activated during insertion of the movable contacts in the contact supports (5).

Abstract (fr)

La présente invention concerne un appareil électrique de coupure A logé dans un boîtier isolant B et comportant un support de contact supportant au moins un contact dit mobile (2), le ou chaque contact mobile (2) étant disposé en regard d'au moins un contact dit fixe (3). Cet appareil est caractérisé en ce que le (ou les) contact(s) mobile(s) (2) est (sont) monté(s) dans un (ou respectivement des) support(s) dit(s) second(s) (5), ledit(lesdits) second(s) support(s) (5) étant monté(s) articulé(s) par rapport au premier support (4), et en ce qu'il comporte des moyens pour assurer la pression de contact entre le(s) contact(s) mobile(s) et le(s) contact(s) fixe(s).

IPC 8 full level

H01H 1/22 (2006.01)

CPC (source: EP)

H01H 1/225 (2013.01); **H01H 1/226** (2013.01)

Citation (applicant)

- US 5794763 A 19980818 - OGASAWARA MAKOTO [JP]
- FR 2717617 A1 19950922 - HAGER ELECTRO [FR]
- EP 0773566 A1 19970514 - LEGRAND SA [FR], et al
- EP 0225207 A1 19870610 - MERLIN GERIN [FR]
- FR 2870987 A1 20051202 - SCHNEIDER ELECTRIC IND SAS [FR]

Citation (search report)

- [AX] EP 0225207 A1 19870610 - MERLIN GERIN [FR]
- [A] EP 0773566 A1 19970514 - LEGRAND SA [FR], 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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2061050 A1 20090520; EP 2061050 B1 20130220; BR PI0804971 A2 20101005; BR PI0804971 B1 20190115; CN 101477923 A 20090708; CN 101477923 B 20130619; EA 015578 B1 20111031; EA 200802149 A2 20090630; EA 200802149 A3 20090828; EG 24962 A 20110228; ES 2401930 T3 20130425; FR 2923940 A1 20090522; FR 2923940 B1 20100101

DOCDB simple family (application)

EP 08354074 A 20081008; BR PI0804971 A 20081114; CN 200810190895 A 20081117; EA 200802149 A 20081114; EG 2008111854 A 20081113; ES 08354074 T 20081008; FR 0708047 A 20071116