

Title (en)

Circuit breaker device with multiple contacts.

Title (de)

Mehrfach-Kontakt-Unterbrechungsvorrichtung.

Title (fr)

Dispositif de coupure à contacts multiples.

Publication

EP 0555161 A1 19930811 (FR)

Application

EP 93420044 A 19930127

Priority

FR 9201487 A 19920207

Abstract (en)

The electrical circuit breaker device includes at least one pair of superposed contact fingers (10,20) mounted respectively pivotably on two longitudinally offset transverse spindles (13,23). The electrodynamic forces of attraction A thus compensate for the forces of repulsion R. <IMAGE>

Abstract (fr)

Le dispositif de coupure électrique comporte au moins une paire de doigts de contact (10,20) superposés et respectivement montés à pivotement sur deux axes transversaux (13,23) décalés longitudinalement. Les forces électrodynamiques d'attraction A compensent ainsi les forces de répulsion R. <IMAGE>

IPC 1-7

H01H 1/54; **H01H 73/04**

IPC 8 full level

H01H 1/22 (2006.01); **H01H 1/50** (2006.01); **H01H 1/54** (2006.01); **H01H 9/38** (2006.01)

CPC (source: EP US)

H01H 1/226 (2013.01 - EP US); **H01H 1/54** (2013.01 - EP US); **H01H 9/383** (2013.01 - EP US)

Citation (search report)

- [A] US 3770922 A 19731106 - GRYCTKO C
- [A] FR 1305080 A 19620928 - ELEKTRO APP WERKE VEB
- [AD] EP 0410902 A1 19910130 - MERLIN GERIN [FR]
- [AD] DE 1176239 B 19640820 - BBC BROWN BOVERI & CIE

Cited by

DE29604726U1; CN104701109A

Designated contracting state (EPC)

CH DE ES GB IT LI SE

DOCDB simple family (publication)

EP 0555161 A1 19930811; FR 2687250 A1 19930813; FR 2687250 B1 19970214; JP H0628940 A 19940204; US 5296660 A 19940322

DOCDB simple family (application)

EP 93420044 A 19930127; FR 9201487 A 19920207; JP 1745693 A 19930204; US 831493 A 19930125