

Title (en)

Movable contact assembly for circuit breaker

Title (de)

Bewegliche Kontaktanordnung für einen Leistungsschalter

Title (fr)

Ensemble de contact mobile pour disjoncteur

Publication

EP 1914767 A1 20080423 (EN)

Application

EP 07019935 A 20071011

Priority

KR 20060027975 U 20061017

Abstract (en)

A movable contactor for a circuit breaker comprises: a cage (10); a plurality of fingers (20) disposed in the cage; a shaft-integrated side plate (40) having a certain area, having a shaft portion (41) protruding from one side thereof with a certain length, and coupled to both side surfaces of the cage (10) thereby covering the fingers (20); and a bracket (50) to which a load side connection terminal (60) connected to a fixed contactor is coupled, for rotatably inserting the shaft portion (41) of the shaft-integrated side plate (40). The number of components of the movable contactor is reduced, thereby to reduce the number of assembly processes and a production cost.

IPC 8 full level

H01H 1/58 (2006.01); **H01H 1/22** (2006.01)

CPC (source: EP KR)

H01H 1/226 (2013.01 - EP KR); **H01H 1/5833** (2013.01 - EP KR); **H01H 31/026** (2013.01 - KR)

Citation (applicant)

- EP 0225207 A1 19870610 - MERLIN GERIN [FR]
- US 5210385 A 19930511 - MOREL ROBERT [FR], et al

Citation (search report)

- [XY] EP 0225207 A1 19870610 - MERLIN GERIN [FR]
- [X] US 5210385 A 19930511 - MOREL ROBERT [FR], et al
- [Y] US 5367276 A 19941122 - CASTONGUAY ROGER N [US]
- [A] EP 1098343 A1 20010509 - AEG NIEDERSPANNUNGSTECH GMBH [DE]

Cited by

US10056741B2; CN103745896A; EP3098831A1; US2016352084A1; FR3036841A1

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EP 07019935 A 20071011; CN 200710182338 A 20071017; ES 07019935 T 20071011; KR 20060027975 U 20061017; MY PI20071786 A 20071016; RU 2007138416 A 20071016