

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 B1 20150408 (EN)

Application

EP 07019935 A 20071011

Priority

KR 20060027975 U 20061017

Abstract (en)

[origin: EP1914767A1] 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)

Cited by

US10056741B2; CN103745896A; EP3098831A1; US2016352084A1; FR3036841A1

Designated contracting state (EPC)

DE ES FR GB IT

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EP 1914767 A1 20080423; **EP 1914767 B1 20150408**; CN 101165832 A 20080423; ES 2541539 T3 20150721; KR 200437069 Y1 20071102; MY 162275 A 20170531; RU 2343582 C1 20090110

DOCDB simple family (application)

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