

Title (en)

Electrical switching device having reinforced electrical contacts

Title (de)

Elektrische Schaltvorrichtung mit verstärkten elektrischen Kontakten

Title (fr)

Dispositif de commutation électrique aux contacts électriques renforcés

Publication

EP 1818959 B1 20080716 (FR)

Application

EP 07290086 A 20070123

Priority

FR 0601234 A 20060213

Abstract (en)

[origin: EP1818959A1] The switch has a mobile contactor element (30) connected to contact zones of fixed contactor elements (10, 20), where the elements are made of copper. The fixed contactor elements are in the form of coils and create an electromagnetic field (B) to form an attraction force (F) on the mobile element during passage of current. The fixed contactor elements are disposed opposite to each other, and the mobile contactor element is disposed between the coils to separate the contact zones of large height equal to the height of the coils.

IPC 8 full level

H01H 1/54 (2006.01)

CPC (source: EP)

H01H 1/54 (2013.01); **H01H 1/20** (2013.01)

Cited by

KR20150028830A; EP4177916A1; EP4177918A1; EP2562778A1; FR2979474A1; US8674793B2; WO2014004967A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1818959 A1 20070815; EP 1818959 B1 20080716; AT E401657 T1 20080815; DE 602007000035 D1 20080828; ES 2309977 T3 20081216; FR 2897469 A1 20070817; FR 2897469 B1 20090710; PL 1818959 T3 20081231

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