

Title (en)
A CIRCUIT BREAKER

Publication
EP 0233323 B1 19911016 (EN)

Application
EP 86115283 A 19820312

Priority

- EP 86115283 A 19820312
- JP 3555281 U 19810312
- JP 3555481 U 19810312
- JP 3555581 U 19810312
- JP 3555681 U 19810312
- JP 3555781 U 19810312

Abstract (en)
[origin: EP0233323A2] The present invention relates to a circuit breaker wherein a pair of rigid conductors (201, 301) which are disposed therein and at least one of which has a movable portion that separates a pair of contacts (202, 302) by an electromagnetic force produced by an excess current flowing through the contacts (202, 302) adapted to come into and out of contact with and from each other, are provided with arc shields (6, 7) in a manner to surround the contacts (202, 302), thereby to bring forth the effects of increasing the arc voltage of an electric arc struck across the contacts (202, 302) and raising the separating speed of the contacts (202, 302).

IPC 1-7
H01H 73/04; **H01H 77/10**

IPC 8 full level
H01H 73/04 (2006.01); **H01H 73/18** (2006.01); **H01H 77/10** (2006.01)

CPC (source: EP)
H01H 73/04 (2013.01); **H01H 73/18** (2013.01); **H01H 77/102** (2013.01); **H01H 2077/025** (2013.01)

Citation (examination)

- US 3599130 A 19710810 - MURAI WASABURO, et al
- DE 944566 C 19560621 - SPINDLER DEISSLER STARKSTROM

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0233323 A2 19870826; **EP 0233323 A3 19870909**; **EP 0233323 B1 19911016**

DOCDB simple family (application)
EP 86115283 A 19820312