

Title (en)
Automatic circuit breaker.

Title (de)
Selbstschalter.

Title (fr)
Disjoncteur automatique.

Publication
EP 0566462 A1 19931020 (FR)

Application
EP 93400938 A 19930409

Priority
ES 9200801 A 19920413

Abstract (en)
This automatic circuit breaker comprises mechanisms which effect normal closing and normal opening of the circuit breaker, opening by thermal tripping, opening by magnetic tripping and opening by short-circuiting. The mechanism for normal closing and normal opening of the circuit breaker consists of a handle (M), a handle spring (14), a link rod (11), a moving contact (CM) and a multifunction mechanism spring (21), with tripping by the bearing of the free end of the link rod upon the bearing point (28) of the spring (21). The electromagnetic opening device has a fixed contact (CF) acting as a magnetic shell, the arrangement of which within this device makes it possible to obtain a magnetic tripping mechanism having no fixed core and no spring for positioning the moving core. <IMAGE>

IPC 1-7
H01H 71/10

IPC 8 full level
H01H 71/52 (2006.01); **H01H 71/24** (2006.01)

CPC (source: EP)
H01H 71/526 (2013.01); **H01H 71/2409** (2013.01); **H01H 71/2463** (2013.01)

Citation (search report)
• [A] DD 132379 A1 19780920 - KAMMER GUENTHER
• [A] DE 3619239 A1 19871210 - KLOECKNER MOELLER ELEKTRIZIT [DE]
• [A] DE 2504954 A1 19760826 - KOPP FA HEINRICH
• [A] GB 2063566 A 19810603 - GARRELL ALSINA SA
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CN108493070A

Designated contracting state (EPC)
AT BE CH DE DK FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0566462 A1 19931020; EP 0566462 B1 19980624; AT E167754 T1 19980715; DE 69319271 D1 19980730; DE 69319271 T2 19990107; ES 2047445 A2 19940216; ES 2047445 B1 19960901; ES 2047445 R 19960201

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