

Title (en)
Main cut-out

Title (de)
Hauptsicherungsautomat

Title (fr)
Coupe-circuit automatique principal

Publication
EP 0691665 B1 20010404 (DE)

Application
EP 95110483 A 19950705

Priority
DE 4424125 A 19940708

Abstract (en)
[origin: EP0691665A1] The fuse provides overload and short-circuit protection using a directly heated thermomechanical release (3) and an indirectly heated thermomechanical release (10), associated with a heating conductor (9), connected in series with an electrodynamically-operated contact pair (4,6) in the main current circuit of the fuse. The three individual release organs act on a common switching mechanism. When several fuses are used in combination, only one operates with the switching mechanism, the others acting as repulsion contact devices.

IPC 1-7
H01H 1/00; **H01H 71/10**; **H01H 71/16**

IPC 8 full level
H01H 1/00 (2006.01); **H01H 71/10** (2006.01); **H01H 71/16** (2006.01); **H01H 71/52** (2006.01); **H01H 77/10** (2006.01); **H01H 83/20** (2006.01)

CPC (source: EP)
H01H 71/1081 (2013.01); **H01H 71/1045** (2013.01); **H01H 71/16** (2013.01); **H01H 71/526** (2013.01); **H01H 77/10** (2013.01); **H01H 83/20** (2013.01)

Cited by
EP1587123A1; CN104134578A; EP1329923A3; EP1587125A1; EP1488438B1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI NL PT SE

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