

Title (en)
Phase/neutral conductor circuit breaker.

Title (de)
Phasen- und Nulleiter-Schutzschalter.

Title (fr)
Disjoncteur de phase et de neutre.

Publication
EP 0569650 A1 19931118 (FR)

Application
EP 92440056 A 19920513

Priority
EP 92440056 A 19920513

Abstract (en)
Phase/neutral conductor circuit breaker, including a modular box of standardised width whose base (1) is devised so as to be fixed in a rail of standard size, and designed such that, with the aim of according the cutoff chambers the largest possible volume, bearing in mind the standardised dimensions of the modular box, and simultaneously to lighten and to reduce the size of the lock mechanism, there is provision for the magnetic means (33, 34) to be situated in the immediate proximity of the operating member (5) and in contact with the spacer, so that on the one hand the distance separating the two parallel planes containing respectively the longitudinal axis of the magnetic means (90) and that of the pivot of the mobile rig is the shortest compatible with the minimum tripping couple for the said mechanism and, on the other hand, the whole of the central part of the volume delimited by the spacer and the shell opposite it, virtually to the top of the said magnetic means, is occupied at each stage by the respective cutoff chamber. <IMAGE>

IPC 1-7
H01H 71/00; **H01H 69/00**

IPC 8 full level
H01H 71/00 (2006.01)

CPC (source: EP)
H01H 71/002 (2013.01)

Citation (search report)
• [AD] EP 0403358 A1 19901219 - HAGER ELECTRO [FR]
• [A] EP 0252786 A1 19880113 - TELEMECANIQUE ELECTRIQUE [FR]
• [A] EP 0045672 A1 19820210 - MERLIN GERIN [FR]

Cited by
CN112863946A; EP0691668A1; CN108389759A; CN108010809A; EP2365510A1; FR2956922A1; CN108010810A; CN108010791A

Designated contracting state (EPC)
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