

Title (en)
Arc chambers defining unit.

Title (de)
Lichtbogenkammern begrenzendes Teil.

Title (fr)
Pièce délimitant les chambres de coupure d'arc.

Publication
EP 0645792 B1 19950607 (FR)

Application
EP 93440080 A 19930927

Priority
EP 93440080 A 19930927

Abstract (en)
[origin: EP0645792A1] Electromagnetically controlled, multi-pole switch device of the contactor type, comprising a casing consisting of a plinth (S) and of a cover (C), within which is an electromagnet consisting of a coil (21) and of a magnetic circuit formed by a fixed armature (10) and by a movable armature (9) secured to a movable contact carrier (16) comprising, for each pole: - a spring (11) loading a movable contact bridge (7, 7') for the purpose of exerting contact pressure with the corresponding fixed contacts (8), either at rest for moving contacts on opening, or from voltage being applied to the coil (21) of the electromagnet (9, 10) for moving contacts upon closing, and - a recess guiding the moving contacts, characterised in that it includes an auxiliary component (A) fastened to the plinth (S) of the casing and consisting essentially: . of a plate (1) parallel to the base of the said plinth (S), on which rest the springs (11) of the moving contacts upon opening (7), and . of partitions (2) perpendicular to the plate (1), interacting with the walls of the recesses for guiding the contact carrier (16) and with those of the plinth (S) so as to delimit one arc cup chamber per pole. <IMAGE>

IPC 1-7
H01H 50/54; **H01H 11/00**; **H01H 50/64**; **H01H 50/32**

IPC 8 full level
H01H 11/00 (2006.01); **H01H 50/32** (2006.01); **H01H 50/54** (2006.01); **H01H 50/64** (2006.01); **H01H 50/00** (2006.01); **H01H 50/22** (2006.01); **H01H 50/30** (2006.01); **H01H 50/46** (2006.01)

CPC (source: EP)
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Cited by
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