

Title (en)
Arc chamber for an electrical circuit breaker

Title (de)
Schaltkammer eines Lastschalters

Title (fr)
Chambre de coupure d'un disjoncteur électrique

Publication
EP 0713232 B1 19990728 (FR)

Application
EP 95410128 A 19951110

Priority
FR 9414006 A 19941118

Abstract (en)
[origin: EP0713232A1] The arc breaking chamber (9) incorporates an arc formation chamber (10) enclosing the fixed and moving contacts (8,7) between which an arc is struck at the instant of separation. The cooling elements (16) are placed in the arc formation chamber in order to cool the gases surrounding the moving contact. Preferably, there are two sets of plates arranged parallel to each other on opposite sides of the moving contact. Alternatively, two sets of tubes may be arranged either in the same position or equidistant from the moving contact and arc extinction plates (13).

IPC 1-7
H01H 9/34; **H01H 9/52**

IPC 8 full level
H01H 9/34 (2006.01); **H01H 9/52** (2006.01)

CPC (source: EP)
H01H 9/346 (2013.01); **H01H 9/52** (2013.01)

Cited by
US8164018B2; WO2011119148A1

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
EP 0713232 A1 19960522; **EP 0713232 B1 19990728**; DE 69511046 D1 19990902; DE 69511046 T2 20000217; ES 2135025 T3 19991016; FR 2727240 A1 19960524; FR 2727240 B1 19961213

DOCDB simple family (application)
EP 95410128 A 19951110; DE 69511046 T 19951110; ES 95410128 T 19951110; FR 9414006 A 19941118