

Title (en)
Flat quench chamber

Title (de)
Flachlöschkammer

Title (fr)
Chambre d'extinction plate

Publication
EP 0828272 A3 19980923 (DE)

Application
EP 97115352 A 19970904

Priority
DE 19636296 A 19960906

Abstract (en)
[origin: EP0828272A2] The arc-extinguishing chamber of an electrical load isolating switch has a flat chamber 36 that has a hinged knife-blade 30 with a contact 38 at the tip that moves relative to a side extinguishing plate 42. The plate is of extinguishing gas generating material and a small extinguishing channel is formed 34. Plates 48 are set on to both sides. The cross-section of the channel is independent of the current and the gas-pressure remains constant.

IPC 1-7
H01H 33/12; **H01H 33/08**; **H01H 33/76**

IPC 8 full level
H01H 33/08 (2006.01); **H01H 33/12** (2006.01); **H01H 33/76** (2006.01)

CPC (source: EP)
H01H 33/08 (2013.01); **H01H 33/123** (2013.01); **H01H 33/76** (2013.01); **H01H 2033/085** (2013.01)

Citation (search report)

- [Y] DE 9217024 U1 19930204
- [Y] US 2088489 A 19370727 - JOSEPH SLEPIAN
- [Y] US 4362915 A 19821207 - SWINDLER DAVID L
- [DY] EP 0013289 A1 19800723 - CONCORDIA SPRECHER SCHALT [DE]

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

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EP 0828272 A2 19980311; **EP 0828272 A3 19980923**; **EP 0828272 B1 20051130**; AT E311662 T1 20051215; DE 19636296 A1 19980312; DE 19636296 B4 20081002; DE 59712500 D1 20060105

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