

Title (en)
High-voltage circuit breaker for high currents

Title (de)
Hoghsprungungsschalter für hohen Nennstrom

Title (fr)
Disjoncteur à haute tension à courant nominal élevé

Publication
EP 0924728 A3 20010328 (EN)

Application
EP 98204267 A 19981216

Priority
IT MI972795 A 19971217

Abstract (en)
[origin: EP0924728A2] A circuit breaker for high-voltage currents comprising a vertical rod-like insulator (4) and at least one contact chamber arranged inside the insulator and containing fixed contacts (1) and movable contacts (2); the movable contacts (2) are connected to actuation means (5) for opening and closing the circuit breaker; the circuit breaker further comprises first and second elastic means (6,7), for opening and for closure respectively, which are made of insulating material and are arranged inside the insulator, and means (19,20,31,34,35,36) for actuating the circuit breaker which are coupled to the base of the insulator. <IMAGE>

IPC 1-7
H01H 33/42; H01H 33/40

IPC 8 full level
H01H 33/42 (2006.01)

CPC (source: EP)
H01H 33/42 (2013.01)

Citation (search report)

- [YA] EP 0788126 A1 19970806 - ABB RESEARCH LTD [CH]
- [YA] FR 2589001 A1 19870424 - ALSTHOM [FR]
- [A] US 5504289 A 19960402 - SMITH DAVID W [US], et al
- [A] US 5508487 A 19960416 - SMITH DAVID W [US], et al
- [A] US 4535208 A 19850813 - WALLIMANN HUBERT [CH], et al

Cited by
DE102015208268A1; CN110462776A; EP3605576A4; WO2017050561A1; WO2016190827A1; US10818454B2

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

DOCDB simple family (publication)
EP 0924728 A2 19990623; EP 0924728 A3 20010328; EP 0924728 B1 20070124; DE 69836952 D1 20070315; DE 69836952 T2 20071108; IT 1296880 B1 19990802; IT MI972795 A1 19990617

DOCDB simple family (application)
EP 98204267 A 19981216; DE 69836952 T 19981216; IT MI972795 A 19971217