

Title (en)
Multipole switching device

Title (de)
Mehrpoliges Schaltgerät

Title (fr)
Dispositif de commutation multipolaire

Publication
EP 1081726 A3 20020911 (DE)

Application
EP 00890259 A 20000825

Priority
AT 151599 A 19990902

Abstract (en)
[origin: EP1081726A2] The device has at least one input and one output terminal per pole path connected together via a connecting line with at least one current measurement device. At least one connecting line contains a switch with rails (1,2) for carrying away a spark between fixed (8) and movable (9) contacts. At least one adjacent line (10) is arranged so that its magnetic field (4',5') augments that (4) in the line with the switch when a spark (3) is present.

IPC 1-7
H01H 9/44; **H01H 83/22**

IPC 8 full level
F23N 5/00 (2006.01); **B05B 1/34** (2006.01); **F23C 5/14** (2006.01); **F23D 14/22** (2006.01); **F23D 14/32** (2006.01); **F23D 14/84** (2006.01); **F27D 7/02** (2006.01); **H01H 9/44** (2006.01); **H01H 83/22** (2006.01)

CPC (source: EP US)
F23D 14/22 (2013.01 - EP US); **F23D 14/32** (2013.01 - EP); **H01H 9/44** (2013.01 - EP); **H01H 83/226** (2013.01 - EP); **F23L 2900/07002** (2013.01 - EP)

Citation (search report)

- [A] EP 0601941 A1 19940615 - MERLIN GERIN [FR]
- [A] US 4654614 A 19870331 - CHIEN YUN-KO N [US], et al
- [A] FR 2627324 A1 19890818 - MERLIN GERIN [FR]

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 1081726 A2 20010307; **EP 1081726 A3 20020911**; **EP 1081726 B1 20040331**; AT 411408 B 20031229; AT A151599 A 20030515; AT E263423 T1 20040415; AU 5505800 A 20010308; AU 767299 B2 20031106; CZ 20003169 A3 20011017; CZ 300217 B6 20090318; DE 50005867 D1 20040506

DOCDB simple family (application)
EP 00890259 A 20000825; AT 00890259 T 20000825; AT 151599 A 19990902; AU 5505800 A 20000901; CZ 20003169 A 20000831; DE 50005867 T 20000825