

Title (en)
A switch and use thereof

Title (de)
Schalter und Verwendung dafür

Title (fr)
Commutateur et utilisation associée

Publication
EP 2339599 A1 20110629 (EN)

Application
EP 09180362 A 20091222

Priority
EP 09180362 A 20091222

Abstract (en)
An electric switch comprises two main contact electrodes (1, 2) arranged in a first current path (3) through the switch and an auxiliary contact electrode (4) configured to be arranged in said current path in a location between the two main contact electrodes in a closed state of the switch and conduct the entire current flowing between the main contact electrodes in this state. The auxiliary contact electrode (4) is movable with respect to the main contact electrodes, and the switch comprises an arrangement configured to open and close said current path and having means (9) configured to move the auxiliary contact electrode (4) so as to obtain transfer of the switch between an open state and a closed state and conversely.

IPC 8 full level
H01H 1/20 (2006.01)

CPC (source: EP)
H01H 1/20 (2013.01); **H01H 3/222** (2013.01); **H01H 9/542** (2013.01); **H01H 9/56** (2013.01)

Citation (applicant)
• EP 1098332 A2 20010509 - ABB HOCHSPANNUNGSTECHNIK AG [CH]
• MEYER J-M: "A DC Hybrid Circuit Breaker With Ultra-Fast Contact Opening and Integrated Gate-Commutated Thyristors (IGCTs)", IEEE TRANSACTIONS ON POWER DELIVERY, vol. 21, no. 1, April 2006 (2006-04-01), pages 646 - 651

Citation (search report)
• [XAI] EP 1098332 A2 20010509 - ABB HOCHSPANNUNGSTECHNIK AG [CH]
• [XA] EP 1067569 A1 20010110 - ABB HOCHSPANNUNGSTECHNIK AG [CH]
• [XA] EP 1538645 A1 20050608 - TECHNICATOME [FR]
• [XA] FR 2333337 A1 19770624 - MERLIN GERIN [FR]
• [IA] EP 0450104 A1 19911009 - SIEMENS AG [DE]
• [IA] WO 0022641 A1 20000420 - SIEMENS AG [DE], et al
• [A] EP 0017575 A1 19801015 - MERLIN GERIN [FR]
• [A] FR 2512268 A1 19830304 - MERLIN GERIN [FR]
• [XI] MEYER J-M ET AL: "A DC Hybrid Circuit Breaker With Ultra-Fast Contact Opening and Integrated Gate-Commutated Thyristors (IGCTs)", IEEE TRANSACTIONS ON POWER DELIVERY, IEEE SERVICE CENTER, NEW YORK, NY, US LNKD- DOI:10.1109/TPWRD.2006.870981, vol. 21, no. 2, 1 April 2006 (2006-04-01), pages 646 - 651, XP001546353, ISSN: 0885-8977

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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