Title (en)

Multi-block hybrid vacuum circuit breaker having in series connected vacuum interrupters

Title (de)

Mehrfachblock-Hybridvakuumschalter mit in Reihe geschalteten Vakuumunterbrechern

Title (fr)

Disjoncteur sous vide hybride multi-blocs ayant des interrupteurs sous vide connectés en série

Publication

EP 2722859 A1 20140423 (EN)

Application

EP 12007165 A 20121016

Priority

EP 12007165 A 20121016

Abstract (en)

The invention relates to a multi-block hybrid vacuum circuit breaker (1) comprising at least two blocks (2) with at least one semiconductor component and one vacuum interrupter (3) comprising a vacuum switching chamber (4) for accommodating a pair of electrical contacts comprising a fixed electrical contact (5) and a axial movable electrical contact (6), which can be moved in translation for switching purpose, wherein the at least one semiconductor component is connected in parallel to the vacuum interrupter (3).

IPC 8 full level

H01H 9/54 (2006.01); **H01H 33/666** (2006.01)

CPC (source: CN EP)

H01H 9/547 (2013.01 - CN EP); **H01H 33/6661** (2013.01 - CN EP); H01H 33/6647 (2013.01 - CN EP); H01H 2009/546 (2013.01 - CN EP); H01H 2033/6668 (2013.01 - CN EP)

Citation (applicant)

- US 6498315 B1 20021224 - BETZ THOMAS [DE], et al
- US 7508636 B2 20090324 - SELLIER PIERRE [FR], et al

Citation (search report)

- [XY] EP 1953780 A1 20080806 - ABB RESEARCH LTD [CH]
- [XY] EP 2088606 A2 20090812 - Y Y L KK [JP]
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- [A] JP S4930856 U 19740316

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Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 12007165 A 20121016; CN 201380056617 A 20131014; EP 2013003083 W 20131014