

Title (en)  
A MEDIUM VOLTAGE SWITCHING APPARATUS

Title (de)  
MITTELSPANNUNGSSCHALTVORRICHTUNG

Title (fr)  
APPAREIL DE COMMUTATION MOYENNE TENSION

Publication  
**EP 4089705 A1 20221116 (EN)**

Application  
**EP 21173740 A 20210513**

Priority  
EP 21173740 A 20210513

Abstract (en)  
A switching apparatus for medium voltage electric systems, said switching apparatus comprising one or more electric poles and, for each electric pole:- a first pole terminal, a second pole terminal and a ground terminal, said first pole terminal being electrically couplable with a first conductor of an electric line, said second pole terminal being electrically couplable to a second conductor of said electric line and said ground terminal being electrically couplable to a grounding conductor;- a fixed contact assembly including a plurality of fixed contact members spaced one from another;- a movable contact assembly rotatable about a rotation axis between a first end-of-run position ( $P_{A}$ ), which corresponds to a closed state of said switching apparatus, and a second end-of-run position ( $P_c$ ), which corresponds to a earthed state of said switching apparatus, said movable contact assembly passing through an intermediate position ( $P_B$ ), which corresponds to an open state of said switching apparatus, when moving between said first and second end-of-run positions. The movable contact assembly is arranged so that, when the switching apparatus is in an open state, the electric contacts within a vacuum chamber of the movable contact assembly are mutually coupled.

IPC 8 full level  
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**H01H 31/003** (2013.01 - EP); **H01H 31/006** (2013.01 - CN); **H01H 31/08** (2013.01 - CN); **H01H 33/127** (2013.01 - EP); **H01H 3/42** (2013.01 - EP); **H01H 33/022** (2013.01 - EP); **H01H 33/122** (2013.01 - EP); **H01H 33/6661** (2013.01 - EP)

Citation (search report)

- [Y] US 4268890 A 19810519 - SILBERMANN ERICH
- [Y] DE 102011087630 A1 20130606 - SIEMENS AG [DE]
- [Y] WO 2012031937 A1 20120315 - SIEMENS AG [DE], et al

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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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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DOCDB simple family (application)  
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