

Title (en)
A MEDIUM VOLTAGE SWITCHING APPARATUS

Title (de)
MITTELSPANNUNGSSCHALTVORRICHTUNG

Title (fr)
APPAREIL DE COMMUTATION MOYENNE TENSION

Publication
EP 4089704 A1 20221116 (EN)

Application
EP 21173739 A 20210513

Priority
EP 21173739 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 (PA), which corresponds to a closed state of said switching apparatus, and a second end-of-run position (Pc), 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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CPC (source: CN EP)
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Citation (search report)

- [XY] US 4268890 A 19810519 - SILBERMANN ERICH
- [Y] DE 102011087630 A1 20130606 - SIEMENS AG [DE]
- [Y] DE 102010045233 A1 20120315 - SIEMENS AG [DE]

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Designated extension state (EPC)
BA ME

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DOCDB simple family (application)
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