

Title (en)
SWITCHING DEVICE FOR ELECTRIC POWER DISTRIBUTION

Title (de)
SCHALTVORRICHTUNG ZUR STROMVERTEILUNG

Title (fr)
DISPOSITIF DE COMMUTATION POUR LA DISTRIBUTION D'ÉNERGIE ÉLECTRIQUE

Publication
EP 4235721 A1 20230830 (EN)

Application
EP 22159258 A 20220228

Priority
EP 22159258 A 20220228

Abstract (en)
A switching device (100) for opening and closing a circuit is provided. The switching device comprises a vacuum interrupter unit (124) with a first stem (126) and a second stem (128). The switching device further comprises a rigid contact member (140) having a slot (142) and a contact arm (144). The switching device further comprises a compressible contact member (150) positioned inside the slot of the rigid contact member. In the switching device, the second stem is configured to move linearly; such that in a first position, the second stem is in electrical engagement with the compressible contact member thereby closing the circuit, and in the second position, the second stem is out of electrical engagement with the compressible contact member thereby opening the circuit.

IPC 8 full level
H01H 1/38 (2006.01); **H01H 1/62** (2006.01); **H01H 33/666** (2006.01)

CPC (source: EP)
H01H 1/38 (2013.01); **H01H 1/62** (2013.01); **H01H 33/6661** (2013.01)

Citation (search report)
• [XY] DE 102007038898 B3 20081120 - SIEMENS AG [DE]
• [YA] CN 112635205 A 20210409 - TIANJIN PINGGAO INTELLIGENT ELECTRIC CO LTD, et al
• [A] US 4005297 A 19770125 - CLEVELAND CHARLES M

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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