

Title (en)
High-voltage electrical switchgear

Title (de)
Hochspannungsschaltgerät

Title (fr)
Appareillage de commutation haute tension

Publication
EP 2620969 A1 20130731 (EN)

Application
EP 13382026 A 20130125

Priority
ES 201230081 U 20120125

Abstract (en)
The present invention relates to high-voltage electrical switchgear, of the type comprising an enclosure (1); at least one switching mechanism (8, 9) for operating switching means (4, 5), which allow performing breaking, connection, isolation and/or earthing functions; intensity and/or voltage measuring means (6, 7), as well as at least one control/protection device for activating the at least one switching mechanism (8, 9); the present invention fundamentally standing out in that the operation of the switching means (4, 5) depends on the reading of the measuring means (6, 7), such that at least one switching mechanism (8, 9) operates the opening of the switch-disconnector (5) in the case of currents equal to or less than the nominal current, whereas it operates the opening of the circuit breaker (4) before the opening of the switch-disconnector (5) in the case of currents greater than the nominal current.

IPC 8 full level
H01H 33/666 (2006.01); **H01H 33/14** (2006.01)

CPC (source: EP)
H01H 33/143 (2013.01); **H01H 33/6661** (2013.01); **H01H 33/122** (2013.01)

Citation (search report)
• [XY] US 3708638 A 19730102 - MITCHELL G
• [X] US 3171004 A 19650223 - LUEHRING ELMER L
• [Y] EP 2244275 A1 20101027 - ORMAZABAL Y CIA S L U [ES]
• [Y] DE 10022415 A1 20010503 - ABB PATENT GMBH [DE]
• [A] FR 905775 A 19451213 - LICENTIA GMBH
• [A] US 5663544 A 19970902 - NIEMEYER LUTZ [CH]

Cited by
CN110741456A; WO2018193139A1

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)
EP 2620969 A1 20130731; **EP 2620969 B1 20151223**; DK 2620969 T3 20160321; ES 1076268 U 20120221; ES 1076268 Y 20120522; ES 2566653 T3 20160414; PL 2620969 T3 20160831

DOCDB simple family (application)
EP 13382026 A 20130125; DK 13382026 T 20130125; ES 13382026 T 20130125; ES 201230081 U 20120125; PL 13382026 T 20130125