

Title (en)
Multi circuit selecting switchgear

Title (de)
Schaltanlage für Mehrfachkreise

Title (fr)
Installation de commutation de multi-circuits

Publication
EP 1768149 A1 20070328 (EN)

Application
EP 06020018 A 20060925

Priority
JP 2005278990 A 20050927

Abstract (en)
A multi circuit selecting switchgear having a vacuum interrupter formed by sealing with a shield end plate (4,5) either open end of an insulated cylinder (3), a fixed contact (6) placed inside the vacuum interrupter and connected to a fixed holder penetrating the shield end plate at one open end, a moving contact (8) placed inside the vacuum interrupter and connected to a moving holder penetrating the shield end plate at the other open end and facing the fixed contact, arc shields (10) placed surrounding the fixed contact and the moving contact inside the vacuum interrupter and an earthed outer case (16) sealed to capsule the vacuum interrupter through the moving side and filled with insulating gas therein, characterized in that a part of the outside of the vacuum chamber is covered with a solid insulator molding from a fixed side to a moving side, and the earthed outer case is fixed on the solid insulator.

IPC 8 full level
H01H 33/66 (2006.01)

CPC (source: EP)
H01H 33/66207 (2013.01); **H01H 33/666** (2013.01); **H01H 33/6661** (2013.01); **H01H 2033/6665** (2013.01)

Citation (search report)
• [AD] EP 1150405 A2 20011031 - MITSUBISHI ELECTRIC CORP [JP]
• [A] JP 2001110287 A 20010420 - TOSHIBA CORP
• [A] US 4527028 A 19850702 - LUEHRING ELMER L [US]
• [A] EP 0037162 A1 19811007 - MEIDENSHA ELECTRIC MFG CO LTD [JP]

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Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1768149 A1 20070328; **EP 1768149 B1 20081119**; CN 100568434 C 20091209; CN 1941245 A 20070404; DE 602006003709 D1 20090102; JP 2007095316 A 20070412; JP 4234125 B2 20090304; SG 131084 A1 20070426; TW 200715330 A 20070416; TW I307905 B 20090321

DOCDB simple family (application)
EP 06020018 A 20060925; CN 200610159939 A 20060926; DE 602006003709 T 20060925; JP 2005278990 A 20050927; SG 2006065825 A 20060922; TW 95132575 A 20060904