

Title (en)  
ISOLATING SWITCH DEVICE FOR HIGH-VOLTAGE ELECTRICAL CONNECTION AND DISCONNECTION

Title (de)  
TRENNVORRICHTUNG ZUR HOCHSPANNUNGSSTROM-UNTERBRECHUNG ODER -VERBINDUNG

Title (fr)  
DISPOSITIF SECTIONNEUR DE DÉCONNEXION OU CONNEXION ÉLECTRIQUE HAUTE-TENSION

Publication  
**EP 3070727 B1 20170920 (FR)**

Application  
**EP 15290078 A 20150320**

Priority  
EP 15290078 A 20150320

Abstract (en)  
[origin: WO2016150637A1] The present invention describes an isolating switch device for high-voltage electrical disconnection or connection comprising: - a female contactor (2); - a male contactor (1) movable in a longitudinal direction (D) relative to the female conductor in such a way as to provide a closed mode, a disconnection mode and an open mode of the isolating switch, - a first set of spring contactors (3) arranged on an inner circumference of the female contactor, in order to provide, in the closed mode of the isolating switch, an electrical contact between the male and female contactors. At least a second set of spring contactors (5) is arranged on a second inner circumference of the female contactor, in order to provide, in the closed mode of the isolating switch, a second electrical contact successively between a longitudinal end of the male contactor (1), at least one conductor and said spring contactors (5), said conductor comprising at least two blocks (6, 7), at least one of which is movable in the longitudinal direction relative to said male and female contactors in the disconnection (or connection) mode of the isolating switch.

IPC 8 full level  
**H01H 1/38** (2006.01); **H01H 31/32** (2006.01); **H01R 13/703** (2006.01); **H01R 13/24** (2006.01)

CPC (source: EP)  
**H01H 1/385** (2013.01); **H01H 31/32** (2013.01); **H01R 13/703** (2013.01)

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

DOCDB simple family (publication)  
**EP 3070727 A1 20160921; EP 3070727 B1 20170920; WO 2016150637 A1 20160929**

DOCDB simple family (application)  
**EP 15290078 A 20150320; EP 2016053867 W 20160224**