

Title (en)

Medium voltage switchgear using the technique of break in vacuum

Title (de)

Mittelspannungsschaltanlage mit Vakuumschaltstechnik

Title (fr)

Appareillage de coupure électrique moyenne tension utilisant la technique de coupure dans le vide

Publication

EP 2945176 B1 20160914 (FR)

Application

EP 15158165 A 20150309

Priority

FR 1454320 A 20140515

Abstract (en)

[origin: CN105097327A] The present invention relates to a medium voltage electrical switchgear apparatus comprising at least two per phase switching devices, each switching device having a switch, this apparatus being characterized in that it comprises a bypass circuit in which a vacuum interrupter (9) providing the cut is disposed, said vacuum envelope (9) being actuatable via one or other of a plurality of actuating means (12,13,14) respectively associated with the different disconnectors (5,6,7), such that the bypass is inactive in the steady state, and traveled by the electricity only when one of the breakers (5,6,7) has started its opening movement, by a gradual transfer of power to the line with the isolator (5) being opened to the bypass line; and in that the movable parts of the aforementioned actuation means (12,13,14) are connected mechanically and electrically to one another by a connecting rod (18).

IPC 8 full level

H01H 33/12 (2006.01); **H01H 33/666** (2006.01)

CPC (source: CN EP)

H01H 9/26 (2013.01 - CN); **H01H 33/126** (2013.01 - EP); **H01H 33/6661** (2013.01 - EP)

Cited by

CN107809116A

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 2945176 A1 20151118; **EP 2945176 B1 20160914**; CN 105097327 A 20151125; CN 105097327 B 20190712; ES 2606198 T3 20170323; FR 3021159 A1 20151120; FR 3021159 B1 20160506

DOCDB simple family (application)

EP 15158165 A 20150309; CN 201510178379 A 20150415; ES 15158165 T 20150309; FR 1454320 A 20140515