

Title (en)

SINGLE-PHASE DIVERTER SWITCH FOR COLUMN-TYPE ON-LOAD TAP CHANGER

Title (de)

EINPHASIGER LASTUMSCHALTER FÜR SÄULENARTIGEN LASTSTUFENSCHALTER

Title (fr)

COMMUTATEUR D'INVERSION À PHASE UNIQUE POUR CHANGEUR DE PRISES ÉLECTRIQUES EN CHARGE DE TYPE COLONNE

Publication

EP 3758035 B1 20230802 (EN)

Application

EP 19182360 A 20190625

Priority

EP 19182360 A 20190625

Abstract (en)

[origin: EP3758035A1] A single-phase diverter switch (100) for a column-type on-load tap changer comprises an insulating carrier plate (150) having a first carrier section (151) substantially semicircular in cross-section, and having a second carrier section (152) substantially semicircular in cross-section and abutting the first carrier section (151); an interrupter arrangement disposed on the first carrier section (151) of the insulating carrier plate (150), the interrupter arrangement including a first main interrupter (110), a second main interrupter (111) and a transition phase interrupter (112); and a disconnecter arrangement disposed on the second carrier section (152) of the insulating carrier plate (150), the disconnecter arrangement including a first disconnecter (120) electrically connected to the first main vacuum interrupter (110) and a second disconnecter (121) electrically connected to the second main vacuum interrupter (111). Respective connection states of the interrupter arrangement and of the disconnecter arrangement are controllable according to a predetermined switching sequence.

IPC 8 full level

H01H 9/00 (2006.01); **H01F 29/04** (2006.01)

CPC (source: EP)

H01F 29/04 (2013.01); **H01H 9/0016** (2013.01); **H01H 9/0038** (2013.01); **H01H 9/0027** (2013.01)

Cited by

CN114944297A; CN116325051A

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