

Title (en)
SWITCHING APPARATUS, CONVERTER APPARATUS WITH SWITCHINGSINSTALLATION AND METHOD TO PROTECT THE CONVERTER APPARATUS

Title (de)
SCHALTANLAGENANORDNUNG, UMRICHTERANORDNUNG MIT SCHALTANLAGENANORDNUNG UND VERFAHREN ZUM SCHUTZ DER UMRICHTERANORDNUNG

Title (fr)
CIRCUIT DE COMMUTATION, CONVERTISSEUR COMPORTANT UNE INSTALLATION DE COMMUTATION AINSI QU'UN PROCÉDÉ DE PROTECTION DU CIRCUIT CONVERTISSEUR

Publication
EP 3417468 B1 20201118 (DE)

Application
EP 16710145 A 20160311

Priority
EP 2016055333 W 20160311

Abstract (en)
[origin: WO2017152999A1] The invention relates to a switchgear assembly (100, 200), having a first branch (51), which connects a first, disconnecting-switch-side electrical system (101) to a second electrical system (102) and which has at least one series circuit of a first disconnecting switch (91) and a first circuit breaker (81). The invention is characterized by an electrical coupling device (104), which is designed for potential equalization between a first potential point (41) between the first disconnecting switch (91) and the first circuit breaker (81) and a second potential point (42, 421) in the switchgear assembly (200) for opening and closing of the first disconnecting switch (91) without voltage across the isolating distance of the first disconnecting switch. The invention further relates to a converter assembly (1) having the switchgear assembly and to a method for protecting the converter assembly, in which method parallel transformer branches connected to a converter on the alternating voltage side are electrically connected to each other by means of the low-voltage connection before switching of one of the disconnecting switches.

IPC 8 full level
H01H 9/54 (2006.01)

CPC (source: EP)
H01H 33/125 (2013.01); **H01H 33/59** (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)
WO 2017152999 A1 20170914; EP 3417468 A1 20181226; EP 3417468 B1 20201118

DOCDB simple family (application)
EP 2016055333 W 20160311; EP 16710145 A 20160311