

Title (en)
SWITCHING ARRANGEMENT FOR A TAP-CHANGING TRANSFORMER AND METHOD FOR OPERATING A SWITCHING ARRANGEMENT OF THIS KIND

Title (de)
SCHALTANORDNUNG FÜR EINEN STUFENTRANSFORMATOR SOWIE VERFAHREN ZUM BETREIBEN EINER DERARTIGEN SCHALTANORDNUNG

Title (fr)
DISPOSITIF DE COMMUTATION POUR TRANSFORMATEUR À GRADINS ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE COMMUTATION DE CE TYPE

Publication
EP 3146540 A1 20170329 (DE)

Application
EP 15721161 A 20150427

Priority
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Abstract (en)
[origin: WO2015176918A1] The invention relates to a switching arrangement for a tap-changing transformer with an on-load tap changer, wherein said switching arrangement comprises - a main winding with a first main connection terminal, - a coarse winding with a first coarse connection terminal and a second coarse connection terminal, - a control winding with a first control connection terminal, - an on-load tap changer which interacts with the control winding and has a tap changer connection terminal, comprising - a discharge line, - a first contact arrangement which comprises a first main fixed contact which can be connected to the first main connection terminal, a first coarse fixed contact which can be connected to the first coarse connection terminal, a first control fixed contact which can be connected to the first control connection terminal, a first tap changer fixed contact which can be connected to the tap changer connection terminal, a first moving bridge contact which is designed in such a way that it electrically bridges or connects at least two fixed contacts of its contact arrangement in each stationary operating position of the switching arrangement and/or during each switchover process of the switching arrangement; - a second contact arrangement which comprises a second coarse fixed contact which can be connected to the second coarse connection terminal, a second control fixed contact which can be connected to the first control connection terminal and/or is connected to the first control fixed contact, a second tap changer fixed contact which can be connected to the tap changer connection terminal and/or is connected to the first tap changer fixed contact, a second moving bridge contact which is designed in such a way that it electrically bridges at least two fixed contacts of its contact arrangement in each stationary operating position of the switching arrangement and/or during each switchover process of the switching arrangement; - a third contact arrangement which comprises a first discharge fixed contact which is connected to the discharge line, a third coarse fixed contact which can be connected to the first coarse connection terminal and/or is connected to the first coarse fixed contact, a third control fixed contact which can be connected to the first control connection terminal and/or is connected to the first control fixed contact, a third tap changer fixed contact which can be connected to the tap changer connection terminal and/or is connected to the first tap changer fixed contact, a third moving bridge contact which is designed in such a way that it electrically bridges at least two fixed contacts of its contact arrangement in each stationary operating position of the switching arrangement and/or during each switchover process of the switching arrangement.

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