

Title (en)
TAP CHANGER

Title (de)
STUFENSCHALTER

Title (fr)
SÉLECTEUR DE PRISES

Publication
EP 2638553 B1 20150930 (DE)

Application
EP 11776703 A 20111022

Priority
• DE 102010050882 A 20101109
• EP 2011005337 W 20111022

Abstract (en)
[origin: WO2012062408A1] The invention relates to an on-load tap changer for the uninterrupted changeover between two winding taps of a tap-changing transformer, wherein two load branches are provided such that the one load branch is electrically connected to the first winding tap, and the other load branch is electrically connected to the second winding tap. Each load branch is provided with at least one switch element acting as the main contact and is connected to a common load diverter. According to the invention, a first mechanical changeover contact is provided in the first load branch, wherein by means of said contact the side, which faces away from the load diverter, of the first switch element acting as the main contact can optionally be connected to the first winding tap or the second winding tap. A second mechanical changeover contact is provided in the second load branch, wherein by means of said contact the side, which faces away from the load diverter, of the second switch element acting as the main contact can likewise optionally be connected to either the first winding tap or the second winding tap. Thus, the constant current flowing during stationary operation is advantageously divided between the switch elements in both load branches.

IPC 8 full level
H01H 9/00 (2006.01); **H01F 29/04** (2006.01)

CPC (source: EP)
H01F 29/04 (2013.01); **H01H 9/0038** (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)
DE 102010050882 A1 20120510; CN 103189948 A 20130703; CN 103189948 B 20161012; EP 2638553 A1 20130918;
EP 2638553 B1 20150930; HK 1186290 A1 20140307; WO 2012062408 A1 20120518

DOCDB simple family (application)
DE 102010050882 A 20101109; CN 201180053016 A 20111022; EP 11776703 A 20111022; EP 2011005337 W 20111022;
HK 13113635 A 20131206