

Title (en)
TAP CHANGER

Title (de)
STUFENSCHALTER

Title (fr)
COMMUTATEUR À GRADINS

Publication
EP 2663987 A1 20131120 (DE)

Application
EP 11802292 A 20111224

Priority
• DE 102011008689 A 20110115
• EP 2011006566 W 20111224

Abstract (en)
[origin: WO2012095154A1] The invention relates to a tap changer (1) for the uninterrupted switching between winding taps of a tap transformer. Said tap changer comprises an oil vessel (2) which accommodates the components of the tap changer (1) and which comprises an upper oil vessel flange (3), and a tap changer head (4) with a head flange (5). An oil expansion vessel (6) having an upper flange (7) and a lower flange (8) is arranged between the oil vessel (2) and tap changer head (4). Said upper flange (7) of the oil expansion vessel (6) is connected mechanically and in an oil tight manner to the head flange (5), and the lower flange (8) of the oil expansion vessel (6) is connected mechanically and in an oil tight manner to the upper oil tank flange (3).

IPC 8 full level
H01H 9/00 (2006.01); **H01F 27/14** (2006.01)

CPC (source: EP)
H01F 27/14 (2013.01); **H01H 9/0044** (2013.01)

Citation (search report)
See references of WO 2012095154A1

Cited by
CN116525324A

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 102011008689 B3 20120308; BR 112013012667 A2 20160906; BR 112013012667 B1 20191224; CN 103314423 A 20130918; CN 103314423 B 20160706; EP 2663987 A1 20131120; EP 2663987 B1 20150225; ES 2537380 T3 20150608; HK 1189705 A1 20140613; UA 109473 C2 20150825; WO 2012095154 A1 20120719

DOCDB simple family (application)
DE 102011008689 A 20110115; BR 112013012667 A 20111224; CN 201180063857 A 20111224; EP 11802292 A 20111224; EP 2011006566 W 20111224; ES 11802292 T 20111224; HK 14102313 A 20140307; UA A201308879 A 20111224