

Title (en)
ON-LOAD TAP CHANGER

Title (de)
LASTSTUFENSCHALTER

Title (fr)
CHANGEUR DE PRISES EN CHARGE

Publication
EP 2839495 A1 20150225 (DE)

Application
EP 13714885 A 20130325

Priority
• DE 202012101475 U 20120420
• EP 2013056279 W 20130325

Abstract (en)
[origin: WO2013156268A1] The invention relates to an on-load tap changer for switching among different winding taps of a step transformer without interruption according to the preamble of the first patent claim. The general inventive concept lies in actuating both the selector contact unit and the switching means for uninterrupted load switching by means of a common motor drive without an energy store being connected therebetween.

IPC 8 full level
H01H 9/00 (2006.01); **H01F 29/04** (2006.01); **H01H 3/40** (2006.01); **H01H 3/42** (2006.01)

CPC (source: EP US)
H01H 3/40 (2013.01 - US); **H01H 3/42** (2013.01 - US); **H01H 9/0016** (2013.01 - US); **H01H 9/0027** (2013.01 - EP US);
H01H 9/0038 (2013.01 - EP US); **H01F 29/04** (2013.01 - EP US); **H01H 2231/052** (2013.01 - US)

Citation (search report)
See references of WO 2013156268A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202012101475 U1 20130723; CN 104246947 A 20141224; CN 104246947 B 20161109; EP 2839495 A1 20150225;
EP 2839495 B1 20161019; HK 1202977 A1 20151009; JP 2015515139 A 20150521; KR 102010939 B1 20190814; KR 20140145616 A 20141223;
RU 2014146582 A 20160610; US 2015034462 A1 20150205; WO 2013156268 A1 20131024

DOCDB simple family (application)
DE 202012101475 U 20120420; CN 201380020207 A 20130325; EP 13714885 A 20130325; EP 2013056279 W 20130325;
HK 15103253 A 20150331; JP 2015506159 A 20130325; KR 20147031516 A 20130325; RU 2014146582 A 20130325;
US 201314379768 A 20130325