

Title (en)

SWITCHING ARRANGEMENT FOR A CONTROL TRANSFORMER, PARTICULARLY A PRE-SELECTOR

Title (de)

SCHALTANORDNUNG FÜR EINEN REGELTRANSFORMATOR, INSBESONDERE VORWÄHLER

Title (fr)

DISPOSITIF DE COMMUTATION POUR UN TRANSFORMATEUR DE RÉGLAGE, EN PARTICULIER UN PRÉSÉLECTEUR

Publication

**EP 3189534 A1 20170712 (DE)**

Application

**EP 15753056 A 20150821**

Priority

- DE 102014112763 A 20140904
- EP 2015069240 W 20150821

Abstract (en)

[origin: WO2016034438A1] The invention relates to a switch assembly (1), in particular a preselector, for a variable transformer (4) having a first winding (2) and a second winding (3) with a first and a second tap (3.3, 3.4), said switch assembly comprising: a first connection terminal (2.1) that can be connected to the first winding (2); a second connection terminal (3.1) that can be connected to the first tap (3.3); a third connection terminal (3.2) that can be connected to the second tap (3.4); a first, second, third and fourth fixed contact (5.1, 5.2, 5.3, 5.4); a vacuum interrupter (6); a first moving contact (7) that can be contacted selectively with the first or second fixed contact (5.1, 5.2); a second moving contact (8) that can be contacted selectively with the third or fourth fixed contact (5.3, 5.4), wherein the second and the fourth fixed contact (5.2, 5.4) are connected to the second connection terminal (3.1), the first and the third fixed contact (5.1, 5.3) are connected to the third connection terminal (3.2), the first moving contact (7) is connected to the first connection terminal (2.1) via the vacuum interrupter (6), and the second moving contact (8) is connected to the first connection terminal (2.1).

IPC 8 full level

**H01H 9/00** (2006.01); **H01F 29/04** (2006.01)

CPC (source: EP KR RU US)

**H01F 29/04** (2013.01 - EP KR RU US); **H01H 3/04** (2013.01 - RU US); **H01H 9/0038** (2013.01 - EP KR RU US); **H01H 9/0044** (2013.01 - US)

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 102014112763 A1 20160310**; BR 112017003804 A2 20180123; CN 106716578 A 20170524; CN 106716578 B 20190820; EP 3189534 A1 20170712; EP 3189534 B1 20190605; JP 2017527996 A 20170921; JP 6611791 B2 20191127; KR 20170048522 A 20170508; RU 2017111029 A 20181004; RU 2017111029 A3 20181004; RU 2672856 C2 20181120; UA 123259 C2 20210310; US 10692664 B2 20200623; US 2017236658 A1 20170817; WO 2016034438 A1 20160310

DOCDB simple family (application)

**DE 102014112763 A 20140904**; BR 112017003804 A 20150821; CN 201580047312 A 20150821; EP 15753056 A 20150821; EP 2015069240 W 20150821; JP 2017511879 A 20150821; KR 20177008917 A 20150821; RU 2017111029 A 20150821; UA A201701973 A 20150821; US 201515502985 A 20150821