

Title (en)

A TAP-CHANGER FOR OIL-FILLED ELECTRIC TRANSFORMERS

Title (de)

ABZAPFWECHSLER FÜR ÖLGEFÜLLTE, ELEKTRISCHE TRANSFORMATOREN

Title (fr)

CHANGEUR DE PRISE POUR TRANSFORMATEURS ÉLECTRIQUES REMPLIS D'HUILE

Publication

**EP 3007193 A1 20160413 (EN)**

Application

**EP 15188801 A 20151007**

Priority

IT VI20140265 A 20141010

Abstract (en)

A tap-changer for oil-filled electric transformers comprising: a guide element (2) provided with a plurality of electric contacts (3) and a slide (4) slidable along the guide element (2) to change the electric connection between two or more of the electric contacts (3); moving means (5) of the slide (4) comprising a driving group (6) having at least one rotatable portion (8) and defining a plurality of discrete positions of the slide (4) with respect to the guide element (2), each one corresponding to a different electric connection between the electric contacts (3). The moving means (5) comprising: a ring-nut (20) susceptible to be put in rotation by the driving group (6) and whose side surface has two or more flat surfaces (21); a core (23) counter-moved with the side surface of the ring-nut (20), the portion (24) of the core (23) faced towards the ring-nut (20) having a flat surface (25) susceptible to be arranged one-to-one with the flat surfaces (21) of the side surface of the ring-nut (20) when the slide (4) and the guide element (2) are placed in correspondence of one of the discrete positions.

IPC 8 full level

**H01H 3/52** (2006.01); **H01H 3/40** (2006.01); **H01H 3/50** (2006.01); **H01H 9/00** (2006.01); **H01H 15/08** (2006.01)

CPC (source: EP)

**H01H 3/40** (2013.01); **H01H 3/50** (2013.01); **H01H 3/52** (2013.01); **H01H 9/0016** (2013.01); **H01H 15/08** (2013.01)

Citation (search report)

- [I] EP 0993010 A2 20000412 - COMEM SPA [IT]
- [A] FR 1562235 A 19690404
- [A] FR 1152356 A 19580214 - APP SCIENT DE PREC

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)

**EP 3007193 A1 20160413**; **EP 3007193 B1 20190320**; MA 39739 A 20160413; TR 201908022 T4 20190621

DOCDB simple family (application)

**EP 15188801 A 20151007**; MA 39739 A 20151007; TR 201908022 T 20151007