

Title (en)

WINDING ARRANGEMENT WITH A PLUG LEAD-THROUGH

Title (de)

WICKLUNGSANORDNUNG MIT STECKDURCHFÜHRUNG

Title (fr)

ENSEMBLE ENROULEMENT MUNI D'UNE TRAVERSÉE DE TYPE ENFICHABLE

Publication

EP 3400603 A1 20181114 (DE)

Application

EP 17705328 A 20170209

Priority

- DE 102016203776 A 20160308
- EP 2017052839 W 20170209

Abstract (en)

[origin: WO2017153115A1] The invention relates to a winding arrangement (1) for a transformer or an inductor, comprising a winding formed by a winding conductor, a solid insulation surrounding the winding and a connecting unit embedded in the solid insulation. The aim of the invention is to obtain such a winding arrangement which provides the required dielectric strength even at higher operating voltages. In order to achieve said aim, it is proposed that the connecting unit is a plug lead-through (5) and is designed to allow the connection of a cable connector.

IPC 8 full level

H01F 27/04 (2006.01); **H01F 27/02** (2006.01); **H01F 41/10** (2006.01)

CPC (source: CN EP US)

H01F 27/02 (2013.01 - CN); **H01F 27/022** (2013.01 - EP US); **H01F 27/04** (2013.01 - CN EP US); **H01F 27/2828** (2013.01 - CN); **H01F 27/29** (2013.01 - CN); **H01F 27/30** (2013.01 - US); **H01F 27/32** (2013.01 - CN US); **H01F 41/10** (2013.01 - EP US); **H01F 41/125** (2013.01 - US)

Citation (search report)

See references of WO 2017153115A1

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)

WO 2017153115 A1 20170914; BR 112018067771 A2 20190115; CA 3015116 A1 20170914; CA 3015116 C 20210209; CN 108885934 A 20181123; CN 115620992 A 20230117; DE 102016203776 A1 20170914; DK 3400603 T3 20221121; EP 3400603 A1 20181114; EP 3400603 B1 20220914; ES 2933173 T3 20230202; MX 2018010728 A 20181109; PL 3400603 T3 20221227; US 11295886 B2 20220405; US 2019066898 A1 20190228

DOCDB simple family (application)

EP 2017052839 W 20170209; BR 112018067771 A 20170209; CA 3015116 A 20170209; CN 201780015700 A 20170209; CN 202211324417 A 20170209; DE 102016203776 A 20160308; DK 17705328 T 20170209; EP 17705328 A 20170209; ES 17705328 T 20170209; MX 2018010728 A 20170209; PL 17705328 T 20170209; US 201716080034 A 20170209