

Title (en)

TRANSFORMER WITH INSERTABLE HIGH-VOLTAGE BUSHINGS

Title (de)

TRANSFORMATOR MIT EINSTECKBAREN HOCHSPANNUNGSDURCHFÜHRUNGEN

Title (fr)

TRANSFORMATEUR À PASSAGES DE HAUTE TENSION INSÉRABLES

Publication

EP 3427276 A1 20190116 (DE)

Application

EP 17720444 A 20170426

Priority

- DE 102016207405 A 20160429
- EP 2017059845 W 20170426

Abstract (en)

[origin: US2017316862A1] An electrical appliance for connection to a high-voltage network has a housing that is fillable with an insulating liquid, in which housing a core with at least one winding is arranged, and a bushing plug-in socket fixed to the housing and a high-voltage bushing insertable into the bushing plug-in socket. The electrical appliance is also able to be used at higher voltages, in that the high-voltage bushing has a fixing section, with which the high-voltage bushing can be fixed to the housing and/or to the bushing plug-in socket and from which the high-voltage bushing extends with a column section in a longitudinal direction over a length L2 towards a high-voltage terminal. The length L2 is greater than three meters.

IPC 8 full level

H01F 27/04 (2006.01)

CPC (source: EP US)

H01F 27/025 (2013.01 - US); **H01F 27/04** (2013.01 - EP US); **H01F 27/12** (2013.01 - US); **H01R 33/94** (2013.01 - US)

Citation (search report)

See references of WO 2017186751A1

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)

US 10685772 B2 20200616; **US 2017316862 A1 20171102**; BR 112018071961 A2 20190205; BR 112018071961 B1 20230425; CA 3022260 A1 20171102; CA 3022260 C 20210216; CN 109074938 A 20181221; CN 109074938 B 20230407; DE 102016207405 A1 20171102; EP 3427276 A1 20190116; EP 3427276 B1 20220119; WO 2017186751 A1 20171102

DOCDB simple family (application)

US 201615159324 A 20160519; BR 112018071961 A 20170426; CA 3022260 A 20170426; CN 201780026439 A 20170426; DE 102016207405 A 20160429; EP 17720444 A 20170426; EP 2017059845 W 20170426