

Title (en)  
ARRANGEMENT OF SINGLE-PHASE TRANSFORMERS

Title (de)  
ANORDNUNG VON EINPHASIGEN TRANSFORMATOREN

Title (fr)  
ENSEMBLE DE TRANSFORMATEURS MONOPHASÉS

Publication  
**EP 3440679 A1 20190213 (DE)**

Application  
**EP 17721986 A 20170426**

Priority  
• DE 102016207425 A 20160429  
• EP 2017059843 W 20170426

Abstract (en)  
[origin: US2017316876A1] A configuration for replacing a multi-phase transformer includes a plurality of single phase transformers each having a housing which is filled with an insulating fluid and in which a core with a high-voltage winding and a low-voltage winding is disposed. The configuration can be set up flexibly and also connected easily and conveniently to a supply network or consumer network by providing each housing with at least one cable connection and connecting each cable connection through a cable line to an outdoor connection which is air insulated, constructed for outdoor use and set up separately from the housing.

IPC 8 full level  
**H01F 27/04** (2006.01); **H01F 30/10** (2006.01); **H01F 30/12** (2006.01); **H02J 3/00** (2006.01)

CPC (source: EP US)  
**H01F 27/04** (2013.01 - EP US); **H01F 27/06** (2013.01 - US); **H01F 27/08** (2013.01 - US); **H01F 27/40** (2013.01 - EP US);  
**H01F 30/10** (2013.01 - EP US); **H01F 30/12** (2013.01 - EP US); **H02H 9/045** (2013.01 - US); **H02J 3/36** (2013.01 - EP US);  
**Y02E 60/60** (2013.01 - US)

Citation (search report)  
See references of WO 2017186749A1

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 10262791 B2 20190416**; **US 2017316876 A1 20171102**; BR 112018072022 A2 20190212; BR 112018072022 B1 20230425;  
CA 3022199 A1 20171102; CA 3022199 C 20221129; CN 109074939 A 20181221; CN 115691971 A 20230203; DE 102016207425 A1 20171102;  
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**US 201615159336 A 20160519**; BR 112018072022 A 20170426; CA 3022199 A 20170426; CN 201780026444 A 20170426;  
CN 202211317333 A 20170426; DE 102016207425 A 20160429; EP 17721986 A 20170426; EP 2017059843 W 20170426