

Title (en)
TRANSFORMER WITH SUSPENDED COOLING MODULE

Title (de)
TRANSFORMATOR MIT EINGEHÄNGTEM KÜHLMODUL

Title (fr)
TRANSFORMATEUR ÉQUIPÉ D'UN MODULE DE REFROIDISSEMENT FIXÉ PAR CROCHET

Publication
EP 3424059 A2 20190109 (DE)

Application
EP 17720443 A 20170426

Priority
• DE 102016207390 A 20160429
• EP 2017059844 W 20170426

Abstract (en)
[origin: US2017316861A1] An electrical appliance for connection to a high-voltage grid has a housing which can be filled with insulating liquid and in which there is arranged a core with at least one winding. A cooling module for cooling the insulating liquid is connected to the housing via attachment lines. The electrical appliance is inexpensive and can be quickly transported and quickly set in operation on site, in that the novel cooling module is fastened to the housing by way of a hook connection.

IPC 8 full level
H01F 27/08 (2006.01)

CPC (source: EP US)
H01F 27/025 (2013.01 - US); **H01F 27/08** (2013.01 - EP US); **H01F 27/085** (2013.01 - US); **H01F 27/12** (2013.01 - US)

Citation (search report)
See references of WO 2017186750A2

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 10707006 B2 20200707; **US 2017316861 A1 20171102**; BR 112018071969 A2 20190212; CA 3022193 A1 20171102; CA 3022193 C 20211214; CN 109074940 A 20181221; CN 109074940 B 20220603; DE 102016207390 A1 20171102; EP 3424059 A2 20190109; EP 3424059 B1 20210310; EP 3424059 B8 20210421; WO 2017186750 A2 20171102; WO 2017186750 A3 20171221

DOCDB simple family (application)
US 201615159344 A 20160519; BR 112018071969 A 20170426; CA 3022193 A 20170426; CN 201780026443 A 20170426; DE 102016207390 A 20160429; EP 17720443 A 20170426; EP 2017059844 W 20170426