

Title (en)

ELECTROMAGNETIC INDUCTION DEVICE CONFIGURED AS A MULTIPLE MAGNETIC CIRCUIT

Title (de)

ALS MULTIPLER MAGNETKREIS KONFIGURIERTE ELEKTROMAGNETISCHE INDUKTIONSVORRICHTUNG

Title (fr)

DISPOSITIF D'INDUCTION ELECTROMAGNETIQUE A CONFIGURATION DE CIRCUIT MAGNETIQUE MULTIPLE

Publication

EP 3257062 A1 20171220 (FR)

Application

EP 16705087 A 20160211

Priority

- FR 1500283 A 20150213
- EP 2016052926 W 20160211

Abstract (en)

[origin: WO2016128520A1] Electromagnetic induction device (1) comprising a closed magnetic circuit (2), without an air gap, at least one first part (11) of which is substantially rectilinear and surrounded by a sleeve (3), said sleeve (3) being surrounded by an electrical conductor (4) which comprises at least one electrically insulated metal sheet on at least one of the faces thereof, characterised in that at least said or each said first part (11) of said magnetic circuit (2) has a circular cross-section.

IPC 8 full level

H01F 27/08 (2006.01); **H01F 27/26** (2006.01); **H01F 27/28** (2006.01); **H01F 41/06** (2016.01); **H01F 41/08** (2006.01)

CPC (source: CN EP US)

H01F 27/08 (2013.01 - CN EP US); **H01F 27/245** (2013.01 - US); **H01F 27/2847** (2013.01 - CN EP US); **H01F 27/29** (2013.01 - US); **H01F 41/061** (2016.01 - CN EP US); **H01F 41/08** (2013.01 - CN EP US); **H01F 27/266** (2013.01 - CN EP US); **H01F 2027/2857** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016128520A1

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 2016128520 A1 20160818; CA 2976293 A1 20160818; CA 2976293 C 20230425; CN 107251172 A 20171013; CN 107251172 B 20200731; EP 3257062 A1 20171220; EP 3257062 B1 20201223; ES 2862550 T3 20211007; FR 3032831 A1 20160819; FR 3032831 B1 20181123; US 10475566 B2 20191112; US 10593460 B2 20200317; US 2018012694 A1 20180111; US 2020035397 A1 20200130

DOCDB simple family (application)

EP 2016052926 W 20160211; CA 2976293 A 20160211; CN 201680009746 A 20160211; EP 16705087 A 20160211; ES 16705087 T 20160211; FR 1500283 A 20150213; US 201615546653 A 20160211; US 201916594949 A 20191007