

Title (en)

MAGNETIC CIRCUIT FOR CARRYING AT LEAST ONE COIL

Title (de)

MAGNETISCHE SCHALTUNG ZUM TRAGEN VON MINDESTENS EINER SPULE

Title (fr)

CIRCUIT MAGNETIQUE POUR PORTER AU MOINS UNE BOBINE

Publication

EP 2936508 B1 20200701 (FR)

Application

EP 13824614 A 20131220

Priority

- FR 1262532 A 20121221
- FR 2013053238 W 20131220

Abstract (en)

[origin: WO2014096743A1] The invention relates to a magnetic circuit (2) for carrying at least one coil (3), the circuit (2) comprising: at least one inner leg (6) and at least two outer legs (4), and a connecting part (7) for guiding the magnetic flux of the inner leg (6) towards each outer leg (4), none of the outer legs (4) having a gap width and the inner leg (6) being at least partially formed from at least one material having a relative magnetic permeability lower than that of the material(s) forming the outer legs.

IPC 8 full level

H01F 3/10 (2006.01)

CPC (source: EP US)

H01F 3/14 (2013.01 - EP US); **H01F 27/245** (2013.01 - US); **H01F 27/25** (2013.01 - EP US); **H01F 27/255** (2013.01 - US);
H01F 27/2823 (2013.01 - US); **H01F 27/32** (2013.01 - US); **H01F 2003/106** (2013.01 - EP US); **H01F 2027/2857** (2013.01 - EP US)

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

DOCDB simple family (publication)

FR 3000282 A1 20140627; **FR 3000282 B1 20150717**; CN 104969309 A 20151007; CN 104969309 B 20181225; EP 2936508 A1 20151028;
EP 2936508 B1 20200701; US 10340071 B2 20190702; US 2015364240 A1 20151217; WO 2014096743 A1 20140626

DOCDB simple family (application)

FR 1262532 A 20121221; CN 201380071648 A 20131220; EP 13824614 A 20131220; FR 2013053238 W 20131220;
US 201314653440 A 20131220