

Title (en)
ELECTROMAGNETIC INDUCTION APPARATUS

Title (de)
ELEKTROMAGNETISCHE INDUKTIONSVORRICHTUNG

Title (fr)
APPAREIL À INDUCTION ÉLECTROMAGNÉTIQUE

Publication
EP 3067903 A1 20160914 (EN)

Application
EP 13897002 A 20131108

Priority
JP 2013080261 W 20131108

Abstract (en)
In an electromagnetic induction apparatus, coil portions, each including a wiring pattern on a printed wiring board and a metal member having both end portions connected to the wiring pattern, are electrically connected to each other and arranged side by side to form a coil body. Therefore, for example, by mounting cooling means onto the printed wiring board, heat can be efficiently radiated from the coil body to enable reduction in thermal resistance.

IPC 8 full level
H01F 27/30 (2006.01); **H01F 37/00** (2006.01)

CPC (source: EP)
H01F 27/08 (2013.01); **H01F 27/2804** (2013.01); **H01F 27/303** (2013.01); **H01F 37/00** (2013.01); **H01F 27/2823** (2013.01);
H01F 27/2847 (2013.01); **H01F 2027/2814** (2013.01)

Cited by
US11756718B2; US11749439B2; US11705816B2

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)
EP 3067903 A1 20160914; **EP 3067903 A4 20170712**; **EP 3067903 B1 20210428**; CN 105706196 A 20160622; CN 105706196 B 20180410;
JP 6195627 B2 20170913; JP WO2015068265 A1 20170309; WO 2015068265 A1 20150514

DOCDB simple family (application)
EP 13897002 A 20131108; CN 201380080789 A 20131108; JP 2013080261 W 20131108; JP 2015546228 A 20131108