

Title (en)

Inductive electronic subassembly and use of same

Title (de)

Induktive elektronische Baugruppe und Verwendung einer solchen

Title (fr)

Composant électronique à induction et utilisation de celui-ci

Publication

EP 2565882 B1 20170809 (DE)

Application

EP 11179951 A 20110902

Priority

EP 11179951 A 20110902

Abstract (en)

[origin: EP2565882A1] The inductive electronic module has a planar core element having inner limbs (29a,55a) comprising lateral limbs (33a,35a,37a,39a) on either sides. The inner limb has a primary core section that is arranged for interacting with planar primary winding arrangement (TR1-A), and secondary core section that is provided spaced from primary core section and is arranged for interacting with an additional planar winding arrangement (C1). The secondary core section is arranged for implementing magnetically active air gap for additional planar winding arrangement.

IPC 8 full level

H01F 27/28 (2006.01); **H01F 27/38** (2006.01); **H01F 30/04** (2006.01)

CPC (source: EP US)

H01F 27/2804 (2013.01 - EP US); **H01F 27/38** (2013.01 - EP US); **H01F 30/04** (2013.01 - EP US); **H01F 2027/2819** (2013.01 - EP US)

Cited by

CN109074928A; RU2735326C2; US11134569B2; WO2017144848A1

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)

EP 2565882 A1 20130306; EP 2565882 B1 20170809; DE 102012108082 A1 20130307; US 2013057164 A1 20130307; US 8502634 B2 20130806

DOCDB simple family (application)

EP 11179951 A 20110902; DE 102012108082 A 20120831; US 201213601129 A 20120831