

Title (en)

Inductive component with improved core properties

Title (de)

Induktives Bauelement mit verbesserten Kerneigenschaften

Title (fr)

Composant inductif doté de propriétés de noyau améliorées

Publication

**EP 2463869 A1 20120613 (DE)**

Application

**EP 11191948 A 20111205**

Priority

- DE 102010053810 A 20101208
- DE 102011055880 A 20111130

Abstract (en)

The inductive component comprises a winding (5), center legs (2) and core portions (1a,1b). The core portions contain different magnetic materials having different magnetic properties. The core portions are provided with ferromagnetic powder and ferrite. The insulating coating (3) is formed between the center legs in the core portions.

Abstract (de)

Vorgeschlagen wird ein induktives Bauelement mit einer Wicklung und einem Kern, der eine Mehrzahl von Kernbereichen (1, 2) umfasst, die unterschiedliche magnetische Materialien enthalten.

IPC 8 full level

**H01F 3/10** (2006.01)

CPC (source: EP US)

**H01F 3/10** (2013.01 - EP US); **H01F 2003/106** (2013.01 - EP US)

Citation (search report)

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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 2463869 A1 20120613; EP 2463869 B1 20150211; EP 2463869 B2 20211020**; CN 102543373 A 20120704; CN 102543373 B 20160817; JP 2012124493 A 20120628; JP 2016167620 A 20160915; JP 5931424 B2 20160608; JP 6397444 B2 20180926; US 2012200382 A1 20120809; US 9019062 B2 20150428

DOCDB simple family (application)

**EP 11191948 A 20111205**; CN 201110462557 A 20111208; JP 2011269456 A 20111208; JP 2016089767 A 20160427; US 201113309764 A 20111202