

Title (en)

INDUCTIVE COMPONENT AND METHOD FOR PRODUCING SAME

Title (de)

INDUKTIVES BAUELEMENT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

COMPOSANT INDUCTIF ET SON PROCEDE DE PRODUCTION

Publication

EP 1444706 B1 20090114 (DE)

Application

EP 02785387 A 20021113

Priority

- DE 10155898 A 20011114
- EP 0212708 W 20021113

Abstract (en)

[origin: WO03043033A1] The invention concerns an inductive component (10; 20; 30) having at least a winding (12; 22; 32) and a magnetic core (11; 21; 31) made of a powder ferromagnetic composite material. The invention is characterized in that said powder ferromagnetic composite material contains a mixture consisting of alloy powders comprising powder particles having form anisotropy and powder particles having form isotropy, as well as a casting resin.

IPC 8 full level

H01F 1/26 (2006.01); **H01F 3/08** (2006.01); **H01F 17/00** (2006.01); **H01F 17/04** (2006.01); **H01F 17/06** (2006.01); **H01F 41/00** (2006.01); **H01F 41/02** (2006.01); **H01F 41/04** (2006.01); **H01F 27/02** (2006.01)

CPC (source: EP US)

H01F 3/08 (2013.01 - EP US); **H01F 17/045** (2013.01 - EP US); **H01F 41/005** (2013.01 - EP US); **H01F 41/0246** (2013.01 - EP US); **H01F 41/046** (2013.01 - EP US); **H01F 27/027** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 03043033 A1 20030522; DE 10155898 A1 20030528; DE 50213224 D1 20090305; EP 1444706 A1 20040811; EP 1444706 B1 20090114; JP 2005510049 A 20050414; US 2004074564 A1 20040422; US 7230514 B2 20070612

DOCDB simple family (application)

EP 0212708 W 20021113; DE 10155898 A 20011114; DE 50213224 T 20021113; EP 02785387 A 20021113; JP 2003544772 A 20021113; US 25073303 A 20031107