

Title (en)

CORE FOR AN INDUCTIVE COMPONENT, AND INDUCTIVE COMPONENT

Title (de)

KERN FÜR INDUKTIVES BAUELEMENT UND INDUKTIVES BAUELEMENT

Title (fr)

NOYAU POUR COMPOSANT INDUCTIF ET COMPOSANT INDUCTIF

Publication

**EP 3747032 B1 20211208 (DE)**

Application

**EP 19786760 A 20191009**

Priority

- DE 102018218042 A 20181022
- EP 2019077405 W 20191009

Abstract (en)

[origin: WO2020083651A1] The invention relates to a core for an inductive component with at least a first side part, a middle part, and a second side part, wherein the middle part has a central section, a first edge section which is arranged parallel to the central section, and a second edge section which is arranged parallel to the central section, wherein the central section is arranged between the first and the second edge section, wherein at least one plastic part is provided, which is provided at least between the central section and the first edge section and/or between the central section and the second edge section in order to set a stray capacitance of the inductive component and to influence a secondary magnetic flux of the inductive component.

IPC 8 full level

**H01F 3/00** (2006.01); **H01F 3/12** (2006.01)

CPC (source: EP KR RU US)

**H01F 3/12** (2013.01 - EP KR RU); **H01F 27/24** (2013.01 - US); **H01F 27/266** (2013.01 - KR RU); **H01F 27/346** (2013.01 - EP KR RU);  
**H01F 27/266** (2013.01 - EP)

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)

**WO 2020083651 A1 20200430**; CN 111699535 A 20200922; CN 111699535 B 20220614; DE 102018218042 A1 20200423;  
EP 3747032 A1 2021209; EP 3747032 B1 20211208; ES 2907085 T3 20220421; JP 2021512500 A 20210513; JP 7106657 B2 20220726;  
KR 102425338 B1 20220725; KR 20200103085 A 20200901; RU 2758707 C1 20211101; TW 202022900 A 20200616; TW I704584 B 20200911;  
US 2021383957 A1 20211209

DOCDB simple family (application)

**EP 2019077405 W 20191009**; CN 201980010087 A 20191009; DE 102018218042 A 20181022; EP 19786760 A 20191009;  
ES 19786760 T 20191009; JP 2020542073 A 20191009; KR 20207021962 A 20191009; RU 2020122347 A 20191009;  
TW 108137991 A 20191022; US 201916967011 A 20191009