

Title (en)
Inductive component with magnetic core

Title (de)
Induktives Bauteil mit magnetischem Kern

Title (fr)
Composant inductif doté d'un noyau magnétique

Publication
EP 2395517 B1 20130821 (DE)

Application
EP 10005932 A 20100609

Priority
EP 10005932 A 20100609

Abstract (en)
[origin: EP2395517A1] The part has housing (1) for accommodating multiple magnetic core bodies, where coils are wound on the core bodies. An inner space of the housing comprises a restricting inner lateral surface, where multiple ribs, rib lugs, projections or slots are provided with intermediate layers. The inner space is subdivided into multiple chambers (76) by the ribs, the rib lugs, the projections or the slots for accommodating core disks of core parts of one of the magnetic core bodies. A part of a predetermined air gap is formed between the core parts. An independent claim is also included for a method for manufacturing an inductive component part.

IPC 8 full level
H01F 3/14 (2006.01); **H01F 17/04** (2006.01)

CPC (source: EP)
H01F 3/14 (2013.01); **H01F 17/04** (2013.01)

Cited by
WO2015197672A1; DE102013221442B4; DE102013221442A1; WO2015059202A1; DE102014108929A1; US8410889B2; US8917156B2; US9728324B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2395517 A1 20111214; EP 2395517 B1 20130821; DK 2395517 T3 20131125; ES 2434719 T3 20131217; PL 2395517 T3 20140131

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