

Title (en)
Inductive unit

Title (de)
Induktives Bauteil

Title (fr)
Élément inductif

Publication
EP 2562772 A3 20170719 (DE)

Application
EP 12180660 A 20120816

Priority
DE 202011051056 U 20110823

Abstract (en)
[origin: EP2562772A2] The component has two choke coils coupled with one another by a magnetic circuit, and arranged in a common core. The common core comprises plate-shaped core intermediate elements (4, 10), which change a coupling between windings (2, 6) of the choke coils. The core intermediate elements lie in a region of an air gap (8) between two middle brackets (7, 11). The middle brackets are projected from core yokes (1, 5), which connect core brackets (3, 9). The core intermediate elements have a recess, which is adapted to a cross-section of the middle brackets.

IPC 8 full level
H01F 3/12 (2006.01); **H01F 27/38** (2006.01); **H01F 29/10** (2006.01)

CPC (source: EP)
H01F 3/12 (2013.01); **H01F 27/38** (2013.01); **H01F 29/10** (2013.01)

Citation (search report)

- [XII] EP 1071101 A1 20010124 - PHILIPS CORP INTELLECTUAL PTY [DE], et al
- [XD] DE 2226289 A1 19730104 - TDK ELECTRONICS CO LTD
- [XII] DE 623193 C 19351214 - SIEMENS AG
- [XI] GB 749000 A 19560516 - ERNEST ALAN HINKSMAN
- [XII] DE 646919 C 19370623 - AEG
- [XII] DE 1013789 B 19570814 - BBC BROWN BOVERI & CIE

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)
DE 202011051056 U1 20111121; EP 2562772 A2 20130227; EP 2562772 A3 20170719

DOCDB simple family (application)
DE 202011051056 U 20110823; EP 12180660 A 20120816