

Title (en)

Variable length coil body and inductive component

Title (de)

Längenvariabler Spulenkörper und induktives Bauelement

Title (fr)

Corps de bobine à longueur variable et composant inductif

Publication

EP 2549493 A3 20170419 (DE)

Application

EP 12177245 A 20120720

Priority

DE 102011079667 A 20110722

Abstract (en)

[origin: EP2549493A2] The bobbin (100) has two coil body portions (100a, 100b) respectively provided with two guiding elements (110a, 110b) that are in contact and slid together so that length of the coil body portions is adjustable along a longitudinal axis (LA). The guide elements are formed to define a reservoir (117) for accommodating a core material. The guide elements are formed to receive windings i.e. cantilevered windings. Side surfaces (115a, 115b) are formed laterally at the coil body portions as contact surfaces for attachment of core materials. An independent claim is also included for an inductive component.

IPC 8 full level

H01F 5/02 (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)

H01F 5/02 (2013.01)

Citation (search report)

- [XAI] JP 2000114025 A 20000421 - TDK CORP
- [X] JP S4921113 U 19740222
- [A] US 4549158 A 19851022 - MITSUI TADASHI [JP], et al
- [A] US 3661342 A 19720509 - SEARS CHARLES K
- [A] US 2004036568 A1 20040226 - SUZUKI MITSUAKI [JP]
- [A] US 2004212476 A1 20041028 - HSUEH CHING-FU [TW], et al

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US2018301278A1; DE102013101364B4; WO2014124800A1; WO2017102976A1

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 2549493 A2 20130123; EP 2549493 A3 20170419; EP 2549493 B1 20190109; DE 102011079667 A1 20130124

DOCDB simple family (application)

EP 12177245 A 20120720; DE 102011079667 A 20110722