

Title (en)  
INDUCTIVE MINIATURE COMPONENT FOR SMD ASSEMBLY

Title (de)  
INDUKTIVES MINIATUR-BAUELEMENT FÜR SMD-MONTAGE

Title (fr)  
COMPOSANT MINIATURE INDUCTIF CONCU POUR UN MONTAGE SMD

Publication  
**EP 1636809 B1 20061220 (DE)**

Application  
**EP 04789996 A 20041015**

Priority

- DE 2004002294 W 20041015
- DE 20318052 U 20031121

Abstract (en)  
[origin: WO2005052963A2] Disclosed is an inductive miniature component for SMD assembly, comprising a monolithic ferrite core (1) which is longer than it is large and at least one coil winding (2) that is mounted directly on the ferrite core (1) and is provided with electrical connecting elements (5.11, 6.21) and coupling flanges (3, 4) located at both ends of the ferrite core (1). Each of the two flanges is embodied as a plastic part that is plugged onto the ferrite core (1) and is joined thereto in a fixed manner, the distance between the flanges (3, 4) that are plugged onto the ferrite core being modifiable within given limits before being joined to the ferrite core in a fixed manner. The plastic part can be joined to the ferrite core (1) by means of adhesion. This structure of the component makes it possible to provide different forms of embodiment, especially components having different lengths, with little manufacturing effort.

IPC 8 full level  
**H01F 17/04** (2006.01); **H01F 27/29** (2006.01); **H01F 5/02** (2006.01); **H01F 27/02** (2006.01)

CPC (source: EP)  
**H01F 17/045** (2013.01); **H01F 27/292** (2013.01); **H01F 5/02** (2013.01); **H01F 27/027** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005052963 A2 20050609; WO 2005052963 A3 20050721**; AT E349063 T1 20070115; DE 112004002707 D2 20061130; DE 20318052 U1 20040304; DE 502004002388 D1 20070201; EP 1636809 A2 20060322; EP 1636809 B1 20061220

DOCDB simple family (application)  
**DE 2004002294 W 20041015**; AT 04789996 T 20041015; DE 112004002707 T 20041015; DE 20318052 U 20031121; DE 502004002388 T 20041015; EP 04789996 A 20041015