

Title (en)
Inductive component and method of manufacturing same

Title (de)
Induktives Bauelement und Verfahren zu dessen Herstellung

Title (fr)
Composant inductif et son procédé de fabrication

Publication
EP 0907190 B1 20020619 (DE)

Application
EP 98116940 A 19980905

Priority
DE 19742928 A 19970929

Abstract (en)
[origin: EP0907190A2] The windings former, is melted onto the ferromagnetic core (1), through an excess of plastic, and/or the core is fastened to the substrate (2) by melting-on plastic. An Independent claim is included for the method of construction. After placing core, former and winding on the substrate, the flanges projecting over the core are heated, to melt the plastic locally. The softened plastic is pressed onto the surfaces of the core, and allowed to set. Preferably the excess plastic is melted-on by a heated rod. Preferred features: The core is fastened to the thermoplastic substrate by melting-on the plastic flanges (4). There is a projection (5) on the edge of each flange. The projection extends over part of the flange length. The flange is introduced into openings or separate slots of the core.

IPC 1-7
H01F 27/26; **H01F 41/00**

IPC 8 full level
H01F 27/30 (2006.01); **H01F 27/06** (2006.01); **H01F 27/26** (2006.01); **H01F 27/32** (2006.01); **H01F 30/00** (2006.01); **H01F 41/00** (2006.01)

CPC (source: EP)
H01F 27/266 (2013.01); **H01F 41/005** (2013.01)

Cited by
CN113035510A

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
EP 0907190 A2 19990407; **EP 0907190 A3 20000712**; **EP 0907190 B1 20020619**; AT E219601 T1 20020715; DE 59804488 D1 20020725; DK 0907190 T3 20021014; ES 2179407 T3 20030116; JP H11168012 A 19990622; PT 907190 E 20021129

DOCDB simple family (application)
EP 98116940 A 19980905; AT 98116940 T 19980905; DE 59804488 T 19980905; DK 98116940 T 19980905; ES 98116940 T 19980905; JP 27134398 A 19980925; PT 98116940 T 19980905