

Title (en)

Modified toroidal core for an electromagnetic component

Title (de)

Modifizierter Ringkern zur Verwendung in einem elektromagnetischen Bauelement

Title (fr)

Noyau annulaire modifié pour un composant électromagnétique

Publication

**EP 1104931 A3 20031203 (DE)**

Application

**EP 00120419 A 20000918**

Priority

DE 19956828 A 19991125

Abstract (en)

[origin: EP1104931A2] A single-aperture core is formed as a single piece, so that the core shape on two surface areas (1,2) varies from a ring cylinder shape in a such way that in a first area (1) the ring cylinder shape is flattened like a flat cut and in a second area (2) a platform-shaped projecting part with a flat surface rises above the normal ring cylinder shape.

IPC 1-7

**H01F 27/29**

IPC 8 full level

**H01F 17/06** (2006.01); **H01F 27/29** (2006.01); **H01F 27/02** (2006.01)

CPC (source: EP)

**H01F 17/062** (2013.01); **H01F 27/292** (2013.01); **H01F 27/027** (2013.01)

Citation (search report)

- [A] DE 8707534 U1 19871029
- [A] US 4656452 A 19870407 - MARTIN CHARLES M [US], et al
- [PX] US 6292081 B1 20010918 - ARMFIELD JAMES MARTIN [US], et al

Cited by

EP1744332A1; EP2549496A3; US7667563B2; DE102005041131A1; DE102005041131B4; WO2005008696A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1104931 A2 20010606**; **EP 1104931 A3 20031203**; DE 19956828 A1 20010607; DE 19956828 C2 20030213

DOCDB simple family (application)

**EP 00120419 A 20000918**; DE 19956828 A 19991125