

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

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DOCDB simple family (publication)

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

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EP 00120419 A 20000918; DE 19956828 A 19991125