

Title (en)
FERRITE CORE WITH A NOVEL CONSTRUCTION

Title (de)
FERRITKERN MIT NEUER BAUFORM

Title (fr)
TORE DE FERRITE DE CONSTRUCTION NOUVELLE

Publication
EP 1334495 A1 20030813 (DE)

Application
EP 01996869 A 20011010

Priority
• DE 0103876 W 20011010
• DE 10056945 A 20001117

Abstract (en)
[origin: US2002158743A1] An improved ferrite core, particularly suitable for transformers, with a middle bleb with an oval cross-section, whereby the longitudinal axis of the middle bleb is oriented parallel to the attachment plane and the longest axis of the oval cross-section is placed vertically to this attachment plane. The core is symmetrically structured with respect to the mirror plane, which contains the longitudinal axis and which resides vertically to the attachment plane, and is particularly low in distortion.

IPC 1-7
H01F 27/255; **H01F 17/04**

IPC 8 full level
H01F 17/04 (2006.01); **H01F 3/08** (2006.01); **H01F 19/04** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP KR US)
H01F 3/08 (2013.01 - EP US); **H01F 3/14** (2013.01 - KR); **H01F 17/04** (2013.01 - EP US); **H01F 17/043** (2013.01 - EP US);
H01F 27/325 (2013.01 - EP US)

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Designated contracting state (EPC)
FR GB IE

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US 2002158743 A1 20021031; **US 6696913 B2 20040224**; CN 100446136 C 20081224; CN 1475019 A 20040211; DE 10056945 A1 20020529; DE 10056945 C2 20030821; DE 10066186 B4 20080228; EP 1334495 A1 20030813; HU P0301855 A2 20030929; JP 2004514282 A 20040513; KR 20030051819 A 20030625; MX PA03004317 A 20040504; PL 198086 B1 20080530; PL 361343 A1 20041004; TW 540072 B 20030701; US 2004090300 A1 20040513; WO 0241338 A1 20020523

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