

Title (en)
Microcomponent of microinductance or microtransformer type

Title (de)
Mikrokomponent wie Mikroinduktanz oder Mikrotransformator

Title (fr)
Microcomposant du type micro-inductance ou microtransformateur

Publication
EP 1168383 A1 20020102 (FR)

Application
EP 01420135 A 20010613

Priority
FR 0008413 A 20000629

Abstract (en)
[origin: JP2002050520A] PROBLEM TO BE SOLVED: To provide an induction microelement, provided with a magnetic core which can act at a specified high frequency. SOLUTION: In this microinductor or an induction microelement (1) such as a microtransformer, a metal winding (2) having a shape of a solenoid and a magnetic core (4) which is positioned at the center of the solenoid (2) are composed of ferromagnetic material are installed. The core (4) is constituted of a plurality of sections (13-16) which are isolated by cutouts (17-19), which are orientated perpendicular to a main axis (20) of the solenoid (2).

Abstract (fr)
Microcomposant inductif (1), tel que micro-inductance ou micro-transformateur, comportant un bobinage métallique (2) ayant la forme d'un solénoïde et un noyau magnétique (4) en un matériau ferromagnétique positionné au centre du solénoïde (2), caractérisé en ce que le noyau (4) est constitué de plusieurs tronçons (13-16) séparés par des découpes (17-19) orientées perpendiculairement à l'axe principal (20) du solénoïde (4). <IMAGE>

IPC 1-7
H01F 17/00; **H01F 3/14**

IPC 8 full level
H01F 1/14 (2006.01); **H01F 3/14** (2006.01); **H01F 17/00** (2006.01); **H01F 17/04** (2006.01); **H01F 27/245** (2006.01); **H01F 27/34** (2006.01)

CPC (source: EP US)
H01F 3/14 (2013.01 - EP US); **H01F 17/0033** (2013.01 - EP US); **H01F 17/0006** (2013.01 - EP US); **H01F 27/34** (2013.01 - EP US)

Citation (search report)
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US7642098B2

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

DOCDB simple family (publication)
EP 1168383 A1 20020102; CA 2351790 A1 20011229; FR 2811135 A1 20020104; FR 2811135 B1 20021122; JP 2002050520 A 20020215; US 2002050906 A1 20020502; US 6529110 B2 20030304

DOCDB simple family (application)
EP 01420135 A 20010613; CA 2351790 A 20010628; FR 0008413 A 20000629; JP 2001197086 A 20010628; US 87081901 A 20010531