

Title (en)
Inductance with core

Title (de)
Spule mit Kern

Title (fr)
Inductance avec noyau

Publication
EP 1271573 A3 20030122 (DE)

Application
EP 02009101 A 20020424

Priority
DE 10129163 A 20010616

Abstract (en)
[origin: EP1271573A2] The core (16) has a thread (18) with acute-angled edges. The windings of the coil (10) lie with frictional engagement between the edges of the thread of the core. The thread may have a V-shaped section. The core may be magnetizable. The core may be a ferrite core. The coil may comprise copper wire windings, with electrical insulation. An Independent claim is also included for a method of manufacturing a coil with a core.

IPC 1-7
H01F 17/04; **H01F 27/30**; **H01F 41/04**

IPC 8 full level
H01F 17/04 (2006.01); **H01F 27/30** (2006.01); **H01F 41/098** (2016.01); **H01F 5/02** (2006.01); **H01F 41/04** (2006.01)

CPC (source: EP)
H01F 17/045 (2013.01); **H01F 27/306** (2013.01); **H01F 41/098** (2016.01); **H01F 5/02** (2013.01); **H01F 41/04** (2013.01)

Citation (search report)

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- [A] US 4500832 A 19850219 - MICKIEWICZ STANLEY [US]
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- [A] GB 303541 A 19290104 - FREDERICK WILLIAM TWORT
- [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 032 (E - 876) 22 January 1990 (1990-01-22)

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US8390416B2; WO2010049849A1

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 1271573 A2 20030102; **EP 1271573 A3 20030122**; DE 10129163 A1 20030102; DE 10129163 C2 20030828

DOCDB simple family (application)
EP 02009101 A 20020424; DE 10129163 A 20010616