

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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- [X] US 5767759 A 19980616 - ROUET PASCAL [FR]
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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)  
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