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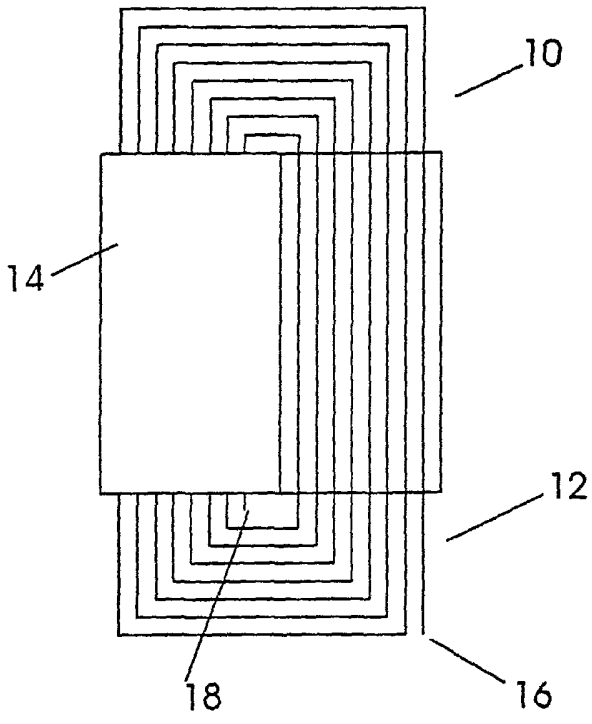
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(54) Title: FLAT COIL



(57) Abstract: A flat coil assembly (10) comprising at least one electrically conductive layer (12) arranged in a substantially uniplanar spiral arrangement of loops with a void in a center of the spiral, and a core (14) made from mu-metal, wherein the core extending on one side of the uniplanar spiral arrangement over at least a first portion of the loops from an external loop to an internal loop, crossing over, through the void in the center and extending over at least a second portion of the loops on the other side of the uniplanar spiral arrangement.

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INTERNATIONAL SEARCH REPORT

International application No.
PCTIL02/00058

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01F 5/00, 27/06, 27/29
US CL : 336/83, 200, 232

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 336/83, 200, 232

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
NONE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	US 6,307,457 B1 (WISSINK et al) 23 October 2001 (23.10.2001), see entire document.	1-16
A	US 6,114,932 A (WESTER et al) 05 September 2000 (05.09.2000), see entire document.	1-16
A	US 4,223,360 A (SANSOM et al) 16 September 1980 (16.09.1980), see entire document.	1-16

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