

Title (en)  
Coil assembly with variable inductance

Title (de)  
Spulenordnung mit veränderbarer Induktivität

Title (fr)  
Ensemble bobine avec inductance variable

Publication  
**EP 1431986 A1 20040623 (DE)**

Application  
**EP 03027851 A 20031204**

Priority  
DE 10260246 A 20021220

Abstract (en)  
The coil arrangement has two separate round ring cores (40,42) with operation windings (46,48) and a control winding (50). The control winding is wrapped around both ring cores for pre-magnetizing the ring cores.

Abstract (de)  
Die Erfindung betrifft eine Spulenordnung mit veränderbarer Induktivität, mit zwei getrennten Ringkernspulen, die Arbeitswicklungen tragen, und einer Steuerwicklung, die zur Vormagnetisierung des Kernmaterials der Ringkernspulen die beiden bewickelten Ringkernspulen umgreift. <IMAGE>

IPC 1-7  
**H01F 29/14**; **H01F 30/16**; **H03F 9/02**

IPC 8 full level  
**H01F 21/08** (2006.01); **H01F 29/14** (2006.01); **H01F 30/16** (2006.01); **H01F 3/10** (2006.01); **H01F 17/06** (2006.01); **H01F 21/12** (2006.01); **H01F 27/28** (2006.01); **H01F 27/34** (2006.01); **H01F 27/36** (2006.01); **H01F 27/38** (2006.01)

CPC (source: EP US)  
**H01F 27/366** (2020.08 - EP US); **H01F 29/14** (2013.01 - EP US); **H01F 30/16** (2013.01 - EP US); **H01F 3/10** (2013.01 - EP US); **H01F 17/062** (2013.01 - EP US); **H01F 21/12** (2013.01 - EP US); **H01F 27/2895** (2013.01 - EP US); **H01F 27/34** (2013.01 - EP US); **H01F 27/36** (2013.01 - EP US); **H01F 27/38** (2013.01 - EP US)

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