

Title (en)
Planar coupled coil arrangement

Title (de)
Planare, gekoppelte Spulenanordnung

Title (fr)
Agencement de bobines planaire couplé

Publication
EP 0902443 A3 19990908 (DE)

Application
EP 98116465 A 19980901

Priority
DE 19739962 A 19970911

Abstract (en)
[origin: EP0902443A2] A planar coupled coils arrangement including a first coil (S1), in which a first conductor path section of the first coil (S1) is arranged in a first plane, and in which a conductor path section completing the first coil (S1) is arranged in a second plane, and is electrically connected by one or more connections to the first conductor path section. A second coil (S2) is used and its conductor path is completely or partly arranged in the second plane, and if the conductor path of the second coil (S2) is arranged partly in the second plane the part of the conductor path completing the second coil (S2) is arranged in the first or a third plane, and is electrically connected by one or more connections to the first conductor path section of the second coil (S2). Both coils (S1,S2) are arranged symmetrically to one another and the conductor paths of the coils are mutually arranged so that coupling takes place between the coils (S1,S2).

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H01F 5/00

IPC 8 full level
H01F 17/00 (2006.01)

CPC (source: EP)
H01F 17/0013 (2013.01)

Citation (search report)
• [X] EP 0371157 A1 19900606 - SIEMENS AG [DE]
• [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 210 (E - 1537) 14 April 1994 (1994-04-14)

Cited by
CN100416797C; EP1419531A4; CN1299303C; US8054155B2; WO2004040596A1; EP3367067A1; US10415997B2

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