

Title (en)
SURFACE MOUNTED ELECTRIC COIL

Publication
EP 0393599 A3 19910109 (DE)

Application
EP 90107283 A 19900417

Priority
DE 3912890 A 19890419

Abstract (en)
[origin: EP0393599A2] A surface-mounted electric coil, surrounded with plastic (6), having a hollow-cylindrical coil former (1) as a winding support and having a coil former flange (3), which can be placed on a printed-circuit board, with electrical terminals (4) led out preferably on the sides, the hollow-cylindrical interior of the coil former (1) and the coil being surrounded on all sides - with the exception of the electrical terminals (4) - with plastic (6) and the plastic containing powdery magnetic material in a high concentration. <IMAGE>

IPC 1-7
H01F 17/04

IPC 8 full level
H01F 17/04 (2006.01); **H01F 27/29** (2006.01)

CPC (source: EP)
H01F 17/045 (2013.01); **H01F 27/292** (2013.01); **H01F 2017/048** (2013.01)

Citation (search report)

- [A] GB 2108769 A 19830518 - TOKO INC
- [A] DE 3510638 C1 19861016 - PEMETZRIEDER NEOSID
- [AP] DE 3820976 A1 19891228 - VOGT ELECTRONIC AG [DE]
- [AP] US 4890085 A 19891226 - SAITO KIYOKAZU [JP], et al

Cited by
DE102015211734A1; DE3933425A1; US6696638B2; US7011764B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0393599 A2 19901024; **EP 0393599 A3 19910109**; **EP 0393599 B1 19930623**; AT E91038 T1 19930715; DE 59001832 D1 19930729; ES 2044294 T3 19940101

DOCDB simple family (application)
EP 90107283 A 19900417; AT 90107283 T 19900417; DE 59001832 T 19900417; ES 90107283 T 19900417