

Title (en)
INDUCTANCE COIL

Publication
EP 0092204 B1 19861230 (EN)

Application
EP 83103679 A 19830415

Priority
IT 2158282 U 19820416

Abstract (en)
[origin: EP0092204A2] An inductance coil of the type comprising at least one coil winding (10) of wire alternately disposed with respect to channels (11) for the passage of the cooling air, said at least one winding (10) being at least externally encompassed by an insulating cylinder (13), at least outwardly of said at least one coil winding (10) and of said insulating cylinder (13) a ferromagnetic core (15) being concentrically mounted with respect to said at least one winding (10), said core (15) extending along about at height of said at least one winding (10). Conducting short-circuited turns (16, 17) at the ends of the winding (10) and carrying the same current as the winding (10) itself, are furthermore provided to eliminate dispersed magnetic flow.

IPC 1-7
H01F 27/34; **H01F 15/04**; **H01F 27/36**; **H01F 37/00**

IPC 8 full level
H01F 27/08 (2006.01); **H01F 27/34** (2006.01); **H01F 27/36** (2006.01); **H01F 30/08** (2006.01); **H01F 37/00** (2006.01)

CPC (source: EP US)
H01F 27/085 (2013.01 - EP); **H01F 27/36** (2013.01 - EP); **H01F 27/361** (2020.08 - EP US); **H01F 27/363** (2020.08 - EP US); **H01F 30/08** (2013.01 - EP); **H01F 37/00** (2013.01 - EP)

Cited by
EP0151719A3; CN102290217A; EP2642131A3; WO2012110187A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0092204 A2 19831026; **EP 0092204 A3 19840215**; **EP 0092204 B1 19861230**; AT E24627 T1 19870115; DE 3368807 D1 19870205; IT 8221582 V0 19820416

DOCDB simple family (application)
EP 83103679 A 19830415; AT 83103679 T 19830415; DE 3368807 T 19830415; IT 2158282 U 19820416