

Title (en)
Self-inductance coil

Title (de)
Drosselspule

Title (fr)
Bobine de self-inductance

Publication
EP 0642142 B1 20020130 (FR)

Application
EP 94202487 A 19940831

Priority
FR 9310427 A 19930901

Abstract (en)
[origin: EP0642142A2] The coil includes a winding coiled over a straight-line magnetic core consisting of a plurality of ferrite cylinders (4, 5, 6) placed end to end with a space between each of them. The ferrite cylinders are all held in place in a single cylinder (3) made of moulded plastic, which, on its outer cylindrical surface, includes a helical groove (7). Applications: injection of current at low frequency into a cable of a television distribution network. <IMAGE>

IPC 1-7
H01F 17/04

IPC 8 full level
H01F 41/04 (2006.01); **H01F 17/04** (2006.01); **H01F 27/255** (2006.01)

CPC (source: EP US)
H01F 17/045 (2013.01 - EP US); **H01F 27/255** (2013.01 - EP US)

Citation (examination)
ENCYCLOPOEDIA UNIVERSALIS, 1980, volume 6, pages 1039-1042, "FERRITES"

Cited by
EP1168383A1; FR2811135A1; EP0940827A1; FR2775824A1; EP0732708A3; US6529110B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0642142 A2 19950308; EP 0642142 A3 19950510; EP 0642142 B1 20020130; DE 69429752 D1 20020314; DE 69429752 T2 20020912; JP H07122432 A 19950512; TW 252206 B 19950721; US 5767759 A 19980616

DOCDB simple family (application)
EP 94202487 A 19940831; DE 69429752 T 19940831; JP 20367494 A 19940829; TW 83103062 A 19940408; US 29544894 A 19940824