

Title (en)  
STRIP ELECTRICAL COIL FOR ELECTRICAL APPLIANCES

Publication  
**EP 0049444 B1 19841205 (DE)**

Application  
**EP 81107670 A 19810926**

Priority  
SE 8006974 A 19801006

Abstract (en)  
[origin: EP0049444A1] 1. Sheet-wound electrical coil for electric apparatus, for example transformers or reactors, which sheet-wound coil (21, 22) is built up of a plurality of turns, wound on top of each other, of a sheet comprising a metallic foil (10, 14) and at least one polymer film (25), said metallic foil serving as conductor and said polymer film serving as insulation in the coil, the metallic foil being provided with elongated depressions (11, 15, 16) on at least one of its sides, characterized in that for achieving a complete impregnation of the sheet-wound coil the depressions in the sheetwound coil extend to and communicate with the space (28) adjacent to the end surfaces (29, 30) of the sheet-wound coil without causing any elevation on the respectively opposing side of the foil.

IPC 1-7  
**H01F 5/00**; **H01F 27/28**

IPC 8 full level  
**H01F 27/28** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)  
**H01F 27/321** (2013.01); **H01F 2027/2857** (2013.01)

Cited by  
DE4312950A1; WO9841998A1

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

DOCDB simple family (publication)  
**EP 0049444 A1 19820414**; **EP 0049444 B1 19841205**; DE 3167640 D1 19850117; JP S5799715 A 19820621; NO 813350 L 19820407; SE 423943 B 19820614; SE 8006974 L 19820407; ZA 816862 B 19820929

DOCDB simple family (application)  
**EP 81107670 A 19810926**; DE 3167640 T 19810926; JP 15858481 A 19811005; NO 813350 A 19811002; SE 8006974 A 19801006; ZA 816862 A 19811005