

Title (en)

Method of making electromagnetic coils.

Title (de)

Verfahren zur Herstellung von elektromagnetischen Spulen.

Title (fr)

Procédé pour la réalisation de bobinages électromagnétiques.

Publication

EP 0439389 B1 19940914 (FR)

Application

EP 91400104 A 19910118

Priority

FR 9000747 A 19900123

Abstract (en)

[origin: EP0439389A1] The present invention relates to a method of making electromagnetic coils, each including a plurality of flat turns laid side by side. According to the invention: - a plurality of patterns (101, 201) is cut out from a sheet (100, 200) of electrically conducting material, each of the said patterns representing the flat development of a coil and forming a strip containing a plurality of open loops (102, 202) connected to one another, at their ends, by connecting bridges (105, 205), and intended to constitute the turns of the said coil, - the strips (101, 201) of the said sheet (100, 200) are separated, and - the loops (102, 202) of each strip (101, 201) are folded over one another in zigzag fashion so as to form the said coil.

IPC 1-7

H01F 41/04

IPC 8 full level

H01F 41/04 (2006.01)

CPC (source: EP)

H01F 41/04 (2013.01)

Cited by

CN1302492C; DE4107263A1; FR2721431A1; GB2332100A; US6525632B2; WO0055873A1; WO0052723A1; US7034645B2; US7221249B2; US7921546B2; US7986207B2; US10319507B2; US11869696B2; US6198375B1; US6449829B1; US6946944B2; US7263761B1; US7345562B2

Designated contracting state (EPC)

BE CH DE ES GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0439389 A1 19910731; EP 0439389 B1 19940914; DE 69103920 D1 19941020; DE 69103920 T2 19950105; ES 2063454 T3 19950101; FR 2657454 A1 19910726; FR 2657454 B1 19950713

DOCDB simple family (application)

EP 91400104 A 19910118; DE 69103920 T 19910118; ES 91400104 T 19910118; FR 9000747 A 19900123