

Title (en)

PROCESS FOR MAKING AN IRON BODY WITH A WINDING FOR GENERATING ELECTROMAGNETIC FIELDS

Publication

EP 0356498 B1 19930519 (DE)

Application

EP 89902635 A 19890123

Priority

AT 16588 A 19880127

Abstract (en)

[origin: WO8907325A1] A process is useful for making an iron body with a winding for generating electromagnetic fields. The iron body comprises an essentially parallelepipedal iron core (6) and at least one U-shaped iron yoke (7) for accommodating a section of the winding, the iron core being inserted between the branches of said yoke. The iron core (6) is inserted in the winding in which the wires are initially undeformed, and the U-shaped iron yoke (7) is slid on, the core (6) and yoke (7) being moved relative to each other until the cross-sectional area of the groove bounded by the core (6) and the yoke (7) or of the winding space is smaller than that of the initially undeformed section of the winding accommodated in the winding space of the iron body formed by the core (6) and the yoke (7). The core (6) and the yoke (7) are pushed together with a force such that the originally circular cross-sections of the wires which constitute the winding are permanently deformed over the length of the groove or winding space in which they are accommodated.

IPC 1-7

H01F 41/04

IPC 8 full level

H01F 41/04 (2006.01)

CPC (source: EP US)

H01F 41/04 (2013.01 - EP US); **Y10T 29/4902** (2015.01 - EP US); **Y10T 29/49073** (2015.01 - EP US)

Cited by

DE102013010234A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8907325 A1 19890810; AT 392708 B 19910527; AT A16588 A 19901015; AT E89684 T1 19930615; AU 3184189 A 19890825; AU 609592 B2 19910502; DE 58904406 D1 19930624; EP 0356498 A1 19900307; EP 0356498 B1 19930519; ES 2010102 A6 19891016; FI 101110 B 19980415; FI 894553 A0 19890926; FI 894553 A 19890926; US 4998339 A 19910312; ZA 89661 B 19910731

DOCDB simple family (application)

EP 8900064 W 19890123; AT 16588 A 19880127; AT 89902635 T 19890123; AU 3184189 A 19890123; DE 58904406 T 19890123; EP 89902635 A 19890123; ES 8900254 A 19890125; FI 894553 A 19890926; US 41631489 A 19890914; ZA 89661 A 19890127