

Title (en)

PROCESS AND DEVICE FOR WINDING A CLOSED RING CORE FOR HIGH-POWER TRANSFORMERS AND CHOKES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEWICKELN EINES GESCHLOSSENEN RINGKERNS FÜR TRANSFORMATOREN UND DROSSELN HOHER LEISTUNGEN

Title (fr)

PROCEDES ET DISPOSITIF POUR LE BOBINAGE D'UN NOYAU TORO DAL FERME POUR DES TRANSFORMATEURS ET DES BOBINES DE SELF DE PUISSANCE ELEVEE

Publication

EP 0761009 A1 19970312 (DE)

Application

EP 94930197 A 19941020

Priority

- DE 4337436 A 19931103
- EP 9403447 W 19941020

Abstract (en)

[origin: WO9512887A1] A winding device (1) is used to wind a closed ring core for high-power transformers and chokes with electrical conductors (8). To this end, the winding device has a guide (3) surrounding the ring-core shank (5) to be wound and a plurality of unwindable winding rollers (4, 4a) movable along said guide through the ring core. The preferably strip winding material, i.e. conductors (8) or intermediate insulation (26), which is wound on the ring core shank (5) from the winding roller (4) during its rotation, is on said winding roller (4, 4a). It is thus possible to wind electrical conductors and insulation in layers in one cycle. The guide (3) is in the form of openable and closable tongs with a separating point (7). The low and upper voltage windings can thereby be applied to the ring core (2) in partial windings.

IPC 1-7

H01F 41/08

IPC 8 full level

H01F 41/08 (2006.01)

CPC (source: EP)

H01F 41/08 (2013.01)

Citation (search report)

See references of WO 9512887A1

Citation (examination)

PATENT ABSTRACTS OF JAPAN vol. 6, no. 123 (E-117) (1001) 8. Juli 1982 & JP-A-57 050 414

Cited by

EP2531339B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IE IT LI NL PT

DOCDB simple family (publication)

WO 9512887 A1 19950511; AT E166180 T1 19980515; AU 7938794 A 19950523; DE 59405966 D1 19980618; EP 0761009 A1 19970312; EP 0761009 B1 19980513; ES 2116622 T3 19980716

DOCDB simple family (application)

EP 9403447 W 19941020; AT 94930197 T 19941020; AU 7938794 A 19941020; DE 59405966 T 19941020; EP 94930197 A 19941020; ES 94930197 T 19941020