

Title (en)

METHOD AND DEVICE FOR PRODUCING COILS IN THE FORM OF A WAVE WINDING FOR ELECTRICAL MACHINES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON SPULEN IN FORM EINER WELLENWICKLUNG FÜR ELEKTRISCHE MASCHINEN

Title (fr)

PROCEDE ET DISPOSITIF DE PRODUCTION DE BOBINES SOUS LA FORME D'UN ENROULEMENT ONDULE DE MACHINES ELECTRIQUES

Publication

**EP 1076923 A1 20010221 (DE)**

Application

**EP 00909262 A 20000228**

Priority

- DE 19909026 A 19990302
- EP 0001658 W 20000228

Abstract (en)

[origin: DE19909026A1] The invention relates to a method and a device for producing coils in the form of a wave winding for electrical machines. An essentially round and polygonal coil (54) is produced on a winding template (10). Said coil (54) is stripped from the winding template (10) by means of strippers (56). The coil (54) is then deformed into a wave winding by means of a form tool (12) and using radial deformation. The coil is then transmitted to a transmission or pull-in tool (14). The aim of the invention is to produce wave windings with simple means, on a small area and with very short clock time. To this end, the form tool (12) is arranged axially adjacent to the winding template (10) on the rotational axis thereof.

IPC 1-7

**H02K 15/04**

IPC 8 full level

**H02K 15/04** (2006.01)

CPC (source: EP)

**H02K 15/0485** (2013.01)

Citation (search report)

See references of WO 0052809A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 19909026 A1 20000907**; EP 1076923 A1 20010221; WO 0052809 A1 20000908

DOCDB simple family (application)

**DE 19909026 A 19990302**; EP 0001658 W 20000228; EP 00909262 A 20000228