

Title (en)

Method for winding an electric coil.

Title (de)

Verfahren zum Wickeln einer elektrischen Spule.

Title (fr)

Procédé pour l'enroulement d'un bobinage électrique.

Publication

EP 0518737 A1 19921216 (FR)

Application

EP 92401540 A 19920604

Priority

FR 9107327 A 19910614

Abstract (en)

Method for winding an electric coil of the type with winding in oblique layers with flat turns perpendicular to the winding axis DELTA , the passage from one turn to the next being effected with an offset, the semi cross-section of the coil through a plane containing its axis DELTA having the shape of an arbitrary trapezium (101, 102), the coil constituting a self-supporting stable mechanical unit, the turns (4, 9, 16, 25, 26, 27) situated on the oblique sides of the trapezium each bearing, except the two turns (1, 28) situated at either end of the large base of the trapezium, on two turns (1, 2; 4, 5; 9, 10; 18, 23; 19, 22; 20, 21) situated on a layer parallel to the winding axis DELTA . <??>According to the method an adjustment tapping is performed on a turn number n which, in the normal course of winding, is not located on the external layer parallel to the axis of the winding but buried in the coil. <IMAGE>

IPC 1-7

H01F 27/28; **H01F 41/06**

IPC 8 full level

H01F 27/28 (2006.01); **H01F 41/06** (2006.01)

CPC (source: EP US)

H01F 27/2823 (2013.01 - EP US); **H01F 41/086** (2016.01 - EP US); **H01F 2027/2842** (2013.01 - EP US); **Y10S 174/22** (2013.01 - EP US); **Y10T 29/49071** (2015.01 - EP US)

Citation (search report)

- [A] CH 254093 A 19480415 - BOHLI JAKOB [CH]
- [A] US 3886434 A 19750527 - SCHREINER LOUIS W

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