Title (en)

PROCESS AND DEVICE FOR PRODUCING A COIL ARRANGEMENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER SPULENANORDNUNG

Title (fr)

PROCEDE ET DISPOSITIF POUR LA PRODUCTION D'UN AGENCEMENT DE BOBINES

Publication

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Application

EP 97938755 A 19970812

Priority

- DE 9701712 W 19970812
- DE 19634661 A 19960828

Abstract (en)

[origin: US6295720B1] Method for manufacturing a coil arrangement with a plurality of winding wire regions (54, 55, 56) constructed in superimposed winding wire planes in a winding tool (28) with the following method steps:fixing of the winding wire (53) in a first wire holding device (39) at the circumferential edge of a basic matrix (21),rotation of the winding tool (28) so as to lay the winding wire (53) against an additional matrix (36) arranged on the basic matrix (21) of the winding tool (28) and formation of a first winding wire region (55) arranged on the surface (26) of the basic matrix,closure of the winding tool (28) by displacing a brace (48) towards the matrix surface (26) of the basic matrix (21) and rotation of the winding tool (28) so as to lay the winding wire (53) on the winding circumference (24) of the basic matrix (21) and formation of a further winding wire region as coil element (54),fixing of the coil element (54) and rotation of the winding tool (28) with brace (48) at a distance from the matrix surface (26) of the basic matrix (21) so as to lay the winding wire (53) against the additional matrix (36) and formation of a further winding wire region (56) arranged above the coil element (54),fixing of the winding wire (53) in a second wire holding device (40) at the circumferential edge of the basic matrix (21).

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H01F 41/06; H01F 41/10

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Cited by

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DOCDB simple family (publication)

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