

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
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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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Cited by
US8789762B2; US8613132B2; US8991712B2

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US 6295720 B1 20011002; AT E217440 T1 20020515; AU 4110697 A 19980319; DE 19634661 A1 19980305; DE 59707230 D1 20020613; EP 0922289 A1 19990616; EP 0922289 B1 20020508; ES 2173475 T3 20021016; JP 2001505715 A 20010424; JP 3779330 B2 20060524; WO 9809305 A1 19980305

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