

Title (en)

Method and apparatus for winding toroidal coils.

Title (de)

Verfahren und Vorrichtung zum Bewickeln von Ringkernspulen.

Title (fr)

Procédé et appareil pour le bobinage des enroulements toroidaux.

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Application

EP 93114353 A 19930907

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- JP 24188192 A 19920910
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- JP 32493292 A 19921109

Abstract (en)

In a method for winding a toroidal coil, a winding of a first layer is made by means of repeating the following three steps. At a first step, one end of a wire is inserted into a central aperture of a core from one side thereof to extend the wire along an axial direction of the core; the other end of the wire is abutted to one surface of the core such that the other end is radially extended; and a tension is applied to the wire and the core with the other end of the wire is then turned on a diametrical direction of the core perpendicular to the radial direction. At a second step, the one end of the wire is inserted into the central aperture of the core towards the other side; and the tension is applied to the wire and the core is then rotated at a desired angle in one direction on a central axis of the core. At a third step, the core is grasped again by core turning means to turn the core in the same direction; the one end of the wire is inserted into the central aperture of the core towards the one side, the one end being extended and the tension being applied to the wire, and then the core is rotated using the core turning means to shift it back at the desired angle in the other direction opposite to the one direction. <IMAGE>

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