

Title (en)

Apparatus and method for fabricating a low voltage winding for a toroidal transformer.

Title (de)

Vorrichtung und Verfahren zur Herstellung einer Niederspannungswicklung für einen Ringkerntransformator.

Title (fr)

Appareil et procédé de fabrication d'un enroulement de basse tension pour un transformateur à noyau toroidal.

Publication

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Application

EP 86300783 A 19860205

Priority

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Abstract (en)

A winding apparatus and method for fabricating a multifilar low voltage winding for a toroidal transformer is disclosed. The method and apparatus use a wire storage magazine 18 and a wire winding shuttle 20 which rotate about a semitoroidal winding mandrel 38 to wind a multifilar low voltage winding 48 on the winding mandrel having a greater radial depth of turns at the radially inward leg of the winding than at the radially outward leg of the winding. The multifilar winding can be wound with a group of conductors in a single pass over the winding mandrel, or wound one conductor at a time using multiple passes over the winding mandrel, or wound using multiple passes over the winding mandrel with some intermediate number of conductors being wound during each pass.

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