

Title (en)

APPARATUS AND METHOD FOR FABRICATING A LOW VOLTAGE WINDING FOR A TOROIDAL TRANSFORMER

Publication

**EP 0190929 A3 19870701 (EN)**

Application

**EP 86300783 A 19860205**

Priority

US 69898185 A 19850206

Abstract (en)

[origin: EP0190929A2] A winding apparatus and method for fabricating a multifilar low volatage 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 volatage 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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CPC (source: EP KR)

**H01F 41/00** (2013.01 - KR); **H01F 41/08** (2013.01 - EP)

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