

Title (en)  
APPARATUS FOR WINDING ELECTRIC COILS WITH CLOSED CORES

Publication  
**EP 0169586 B1 19870902 (DE)**

Application  
**EP 85200791 A 19850517**

Priority  
CH 8400115 W 19840723

Abstract (en)  
[origin: US4625927A] The automatic winding of extremely small electrical core coils, for example video core coils, takes place on a rotatable winding unit which cooperates with a wire drawing apparatus provided with a catch hook. Each coil former receiver is provided with an associated wire mount. During the winding, the coil former together with the coil former receiver is immobile wherein the wire section of the winding wire necessary for each core coil is drawn from a wire storage coil over a wire deflector. During the winding of the core coil the rotatable winding unit, together with a plurality of wire retainers arranged in a vertically adjustable winding head, can be positioned so that the catch hook passes horizontally not only through one of the wire retainers but also through the core opening in the coil former. After applying the winding wire to one limb of the coil former during the withdrawal of the catch hook through the core opening, the cyclic rotation of the wire retainers then takes place through 270 DEG whereupon a complete turn is formed.

IPC 1-7  
**H01F 41/08**

IPC 8 full level  
**H01F 41/08** (2006.01)

CPC (source: EP US)  
**H01F 41/08** (2013.01 - EP US); **Y10T 29/49071** (2015.01 - EP US)

Cited by  
CN108022738A; CN111370227A

Designated contracting state (EPC)  
CH DE GB IT LI NL

DOCDB simple family (publication)  
**US 4625927 A 19861202**; DE 3560544 D1 19871008; EP 0169586 A1 19860129; EP 0169586 B1 19870902; JP H0219963 B2 19900507; JP S61500819 A 19860424; WO 8601029 A1 19860213

DOCDB simple family (application)  
**US 64451084 A 19840827**; CH 8400115 W 19840723; DE 3560544 T 19850517; EP 85200791 A 19850517; JP 50278884 A 19840723