

Title (en)
Device for winding a coil bobbin.

Title (de)
Vorrichtung zum Bewickeln eines Spulenkörpers.

Title (fr)
Dispositif de bobinage d'un corps de bobine.

Publication
EP 0191720 A1 19860820 (DE)

Application
EP 86730013 A 19860128

Priority
DE 3504422 A 19850207

Abstract (en)
1. Device for winding a coil bobbin (8) with the aid of a wire guiding tube (1), which executes operational movements around the connecting pins (7a, 7b) in order to wind wire ends at connecting pins (7a, 7b) of the coil bobbin (8), and for separating the wire pieces which project from the connecting pins (7a, 7b) with the aid of a separating device, characterised in that the separating device has a casing (2) with a cutter (3), in that the casing (2) is arranged concentrically to the wire guiding tube (1) and can be moved on the latter, and in that the wire guiding tube (1) has a cutter support (12) for supporting a wire (4) which is guided outside the wire guiding tube (1) and inclined towards the longitudinal axis of the latter.

Abstract (de)
Ein Drahtführungsröhrchen (1) zum Bewickeln eines Spulenkörpers (8) ist derart ausgestaltet, daß mit einem einzigen Werkzeug das Anwickeln des Drahtes (4) an die Anschlußstifte (7a, 7b), das Wickeln der Spule (8) und das Abtrennen der Drahtenden durchgeführt werden kann. Eine bewegbare Hülse (2) mit angeformter Schneide (3) sorgt für das Durchtrennen des Drahtes (4), wenn das Drahtführungsröhrchen (1) diesen in der Ausnehmung (9) aufnimmt.

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H01F 41/10

IPC 8 full level
H01F 41/06 (2016.01); **H01F 41/04** (2006.01); **H01F 41/076** (2016.01); **H01F 41/10** (2006.01)

CPC (source: EP)
H01F 41/10 (2013.01)

Citation (search report)
• [XP] DE 8508365 U1 19850704
• [A] DE 1640477 A1 19710225 - INT STANDARD ELECTRIC CORP
• [AD] DE 2443313 A1 19760325 - SIEMENS AG
• [AD] DE 2558057 A1 19770623 - LICENTIA GMBH
• [A] US 3250302 A 19660510 - JOHN ZOLTAI
• [A] GB 2090172 A 19820707 - TOKO INC
• [A] PATENTS ABSTRACTS OF JAPAN, Band 7, Nr. 177 (M-233) [1322], 5. August 1983; & JP - A - 58 78 963 (TANAKA SEIKI K.K.) 12.05.1983

Cited by
CN105917425A; CN112259369A; FR2640417A1; CN110070989A; CN111312513A; WO9428562A1

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CH FR IT LI

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 86730013 A 19860128; DE 3504422 A 19850207; JP 2307886 A 19860206