

Title (en)

Workpiece support with auxiliary support for manufacturing electric coils.

Title (de)

Werkstückträger mit Hilfsträger zur Fertigung von elektrischen Spulen.

Title (fr)

Support de pièces avec support auxiliaire pour la fabrication de bobines électriques.

Publication

**EP 0529709 B1 19941123 (DE)**

Application

**EP 92202409 A 19920804**

Priority

CH 254091 A 19910829

Abstract (en)

[origin: EP0529709A1] A workpiece support consists of a baseplate which rests in a frictionally locked manner on a conveyor belt and of at least two semicircular bearings which are open at the top, are rigidly connected to said baseplate and are arranged at a distance from one another, a retaining pin for winding wire residue being arranged between the two bearings of the workpiece support. An auxiliary support (20) having a coil former (16') can be inserted into and removed from each bearing transversely with respect to the longitudinal extent of the conveyor belt, a cylindrical body (21) of the auxiliary support (20) having at least one, preferably two auxiliary retaining pins (22, 23) for winding wire ends (29, 29'), which are constructed as loops (29, 29'), in each case one deflecting pin (24, 25) being arranged at a distance from each auxiliary retaining pin (22, 23), axially with respect to the cylindrical body (21) of the auxiliary support (20). In consequence, the length of the wire end sections can be varied, for example for the fitting of connectors, which is carried out subsequently by hand, to the complete coil. <IMAGE>

IPC 1-7

**H01F 41/06**

IPC 8 full level

**H01F 41/09** (2016.01); **H02K 3/46** (2006.01); **H02K 15/04** (2006.01)

CPC (source: EP US)

**H01F 41/09** (2016.01 - EP US)

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

**EP 0529709 A1 19930303; EP 0529709 B1 19941123; DE 59200805 D1 19950105; JP H05217782 A 19930827; US 5240044 A 19930831**

DOCDB simple family (application)

**EP 92202409 A 19920804; DE 59200805 T 19920804; JP 23047892 A 19920828; US 93308292 A 19920821**