

Title (en)

Method and device for producing continuous spirals with closed polygon forms from wire, concrete steel or metal tube

Title (de)

Methode und Vorrichtung zur Produktion von kontinuierlichen Spiralen mit beliebigen geschlossenen polygonalen konstanten Windungsformen aus Draht, Betonstahl oder einem metallischen Rohr

Title (fr)

Méthode et dispositif pour la fabrication des spirales continues avec des formes polygonales fermées d'un fil, d'un acier d'armature ou d'un tube métallique

Publication

EP 0860218 A3 20020102 (DE)

Application

EP 98600003 A 19980119

Priority

GR 97100053 A 19970214

Abstract (en)

[origin: EP0860218A2] The method entails using a rotatable device, on which the bending bars (6) are suitably arranged (one for each corner of the winding of the spiral being produced). A bar (7) of suitable length and cross-section is used and an ejection device pushes away the already produced windings of the spiral (14) in a suitable manner from the production plane around at least a diameter of the wire, concrete steel or the metallic tube (1) per rotation of the rotatable device. In this way, the production plane is cleared of the already produced windings. The bending pins (8,9) of the bending units (6) are arranged in a suitable manner so that they can move simultaneously and parallel to each other for angle-halving of the corners of the spiral winding during production.

IPC 1-7

B21D 11/06; **B21D 11/12**; **B21F 1/00**; **B21F 27/12**

IPC 8 full level

B21F 27/12 (2006.01)

CPC (source: EP)

B21F 27/122 (2013.01); **B21F 27/124** (2013.01)

Citation (search report)

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- [A] FR 2342108 A1 19770923 - SEIDNER MASCHF E [DE]
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- [X] PATENT ABSTRACTS OF JAPAN vol. 007, no. 275 (M - 261) 8 December 1983 (1983-12-08)

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