

Title (en)

METHOD AND APPARATUS FOR MANUFACTURING SPIRAL-REINFORCEMENTS FOR REINFORCED CONCRETE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON SPIRALFÖRMIGEN ARMIERUNGEN FÜR ARMIERTEM BETON

Title (fr)

PRCÉDÉ ET MACHINE DE FABRICATION D'ARMATURES EN SPIRALE POUR BETON ARME

Publication

EP 2358487 B1 20130424 (EN)

Application

EP 09744193 A 20091012

Priority

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- IT BO20080637 A 20081015

Abstract (en)

[origin: WO2010044052A2] The method for manufacturing spiral reinforcements provides for feeding a metal wire (2) through a folding unit (5) provided with a central mandrel (7) and an eccentric folding pin (8), having parallel axis, and for performing successive folds of said metal wire (2) with respect to the longitudinal feed axis (A), to produce a succession of polygonal coils (20) designed to form a spiral-reinforcement (21) constituted by a sequence of perpendicular tracts (22) and of oblique tracts (23) with respect to the longitudinal axis (L) of the spiral. On at least one side of the polygonal coils (20), to form said oblique tracts (23), are made a first fold (23a) on a plane orthogonal to the axis of the mandrel (7) and of the eccentric folding pin (8) and at least a second fold (23b) extended in a third dimension suitably inclined with respect to the aforesaid plane.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN103418634A; ITUD20130131A1; CN106029246A; US10232425B2; WO2015056144A1

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