

Title (en)

Mechanism for iron concrete rod bending with cutting ability of the front and rear end

Title (de)

Mechanismus zum Biegen von Bewehrungsstäben aus Eisen mit Möglichkeit zum Schneiden der Vorder- und Hinterenden

Title (fr)

Mechanisme de cintrage des barres d'armatures en fer avec possibilité de couper les deux extrémités

Publication

EP 1535675 A1 20050601 (EN)

Application

EP 04386028 A 20041021

Priority

GR 20030100493 A 20031126

Abstract (en)

Machine for straightening, bending and cutting of iron concrete rods, comprising a four-direction mechanism for iron concrete rod bending with cutting ability of the front and rear end, said mechanism consisting of a rotating plate (1) which has four openings for the entrance of the four bending pins (5). The bending pins (5) are adjusted by twos on the two half rings (3) which are adjusted externally of the plate (1). <??>Internally of the rotating plate (1) is adjusted the base (2) of the knives (20) and in its internal is adjusted the axle (4) with the formation pins (6) and the openings for the steady point of cutting-holding of the iron rod. <??>The base of knives (2) and the axle (4), depending on the function, move and slide up and down. The mechanism is placed in a metallic casing (16) and on its two sides are adjusted seating mountings (17) for the backward & forward motion of the mechanism. <??>It runs by use of pairs of gears (11&12) and pistons. <IMAGE>

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B21D 11/12

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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