

Title (en)
DEVICE FOR PRODUCING REINFORCEMENTS

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Application
EP 87106387 A 19870502

Priority
DE 3615460 A 19860507

Abstract (en)
[origin: US4789010A] The invention relates to an apparatus for producing reinforcements, intended for construction purposes, of reinforced concrete plates for prefabricated ceilings, without manual aid. The apparatus comprises a straightening and cutting device 1 for the transverse rods 22 of the reinforcement having a transverse rod outlet path 4, a displacement apparatus 46 and a transverse rod magazine 7; a straightening, cutting and bending device 2 for the longitudinal rods 23 having a longitudinal rod outlet path 5; and a combination device 3 for producing the lattice girders 24, having a lattice girder outlet path 6 and a lattice girder magazine 8. With the aid of the transverse rod magazine 7 and two insertion robots 9 and 10 that are displaceable on rails 67, the reinforcement can be inserted and positioned under electronic control into the form 18 that is arranged on a pallet 15 and is moved through the apparatus on a travel path 13. A slip-on device 29 serving to slip spacers 30 onto the transverse rods 22 is disposed between the straightening and cutting device 1 and the transverse rod outlet path 4. The entire reinforcement is made from round wires and bands of structural steel wound into rings.

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Cited by
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