

Title (en)
Device for producing reinforcements.

Title (de)
Vorrichtung zur Erstellung von Bewehrungen.

Title (fr)
Dispositif pour la fabrication d'armatures.

Publication
EP 0536600 B1 19950111 (DE)

Application
EP 92116346 A 19920924

Priority
DE 4133589 A 19911010

Abstract (en)
[origin: EP0536600A1] The device is used for the efficient manufacture of reinforcements for concrete assembly units in slab form. It comprises a preparation machine 2 for reinforcing rods 16 and 17, a production machine 3 for lattice beams 18, a rod delivery track 4, a lattice-beam delivery track 5, an intermediate rod buffer store 6, a lattice beam magazine 7, two industrial robots 8 and 9, a multiple removal slide 10 for the reinforcing rods 16 and 17, an attachment device 11 for spacers 19 and a multiple erecting device 12 for the lattice beams 18. The industrial robots 8, 9 carry pairs of adjacent rotatable double grippers 45, 46, with the aid of which the entire reinforcement, can be placed, under electronic control in a mould 15 aligned on a moveable pallet 1 and be placed according to plan. The buffering lattice-beam magazine 7 and the intermediate rod buffer store 6 guarantee continuous rapid operation of the preparation machine 2 and of the production machine 3 and hence time-saving production even of complex reinforcements. <IMAGE>

IPC 1-7
B21F 27/20

IPC 8 full level
B21F 27/20 (2006.01)

CPC (source: EP)
B21F 27/20 (2013.01)

Cited by
CN108621121A; EP0951955A3; AT517912A1; AT517912B1; US11292091B1; US11247327B2

Designated contracting state (EPC)
AT BE CH DE FR IT LI NL SE

DOCDB simple family (publication)
EP 0536600 A1 19930414; EP 0536600 B1 19950111; AT E116882 T1 19950115; DE 59201190 D1 19950223

DOCDB simple family (application)
EP 92116346 A 19920924; AT 92116346 T 19920924; DE 59201190 T 19920924