Title (en)

Concrete reinforcement assembling machinery

Title (de)

Maschine zur Herstellung von Bewehrungskäfigen

Title (fr)

Machine pour la fabrication de cages de renforcement

Publication

EP 1655088 A1 20060510 (EN)

Application

EP 05386004 A 20050127

Priority

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Abstract (en)

The invention refers to a Concrete Reinforcement Assembling Machinery . It is a machine which automatically or semi-automatically assembles by use of welding method the formed shapes from iron rods (stirrups) with straightened ones, thus constructing the concrete reinforcement. It consists of an immovable metal frame (1) upon which all mechanisms and components are installed. On the frame (1) the rotating feeder (2) is adjusted for the -either automatic or manual- feeding of the assembling point with formed shapes (stirrups) (6) and with straightened iron rods (24). The assembling phase is accomplished by means of two mobile and independently moving assembling columns (15 and 21), in combination with the system for holding-welding and propulsion of the concrete reinforcement that is placed at the upper and lower part of each mobile column (15 and 21). The assembled concrete reinforcement (main or auxiliary) is based on a corresponding bench (32) the size of which is adjusted according to the sizes of the concrete reinforcements being assembled.

IPC 8 full level

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CPC (source: EP GR)

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