Title (en)

WELDING METHOD IN MACHINES FOR MANUFACTURING METAL CAGES FOR REINFORCED CONCRETE AND CORRESPONDING MACHINE

Title (de)

SCHWEISSVERFAHREN IN MASCHINEN ZUR HERSTELLUNG VON METALLKÄFIGEN FÜR STAHLBETON UND ENTSPRECHENDE MASCHINE

Title (fr)

PROCÉDÉ DE SOUDAGE DANS DES MACHINES DE FABRICATION DE CAGES MÉTALLIQUES POUR BÉTON ARMÉ ET MACHINE CORRESPONDANTE

Publication

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Application

EP 08875861 A 20081120

Priority

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- IT BO20080507 A 20080805

Abstract (en)

[origin: WO2010015896A1] The welding method is destined to the use in apparatuses to realise metal cages for reinforced concrete, consisting of a series of longitudinal bars (3), made integral through at least one metal wire (4), spiral wound on the same bars (3) through the combination of a rotation movement around an axis coinciding with the axis of the cage (2) in formation and a trans-lational one, longitudinal according to the axis of the cage (2). The method provides for feeding a metal wire (4) in unwinding around the bars (3) according to the orientation determined by the combined movement of rotation and translation and to associate to the metal wire (4) some guiding means (16), stressed by actuators (18) to maintain the same guiding means (16) in contact with the metal wire (4) and carried borne movable to follow the combined movement of rotation and translation of the metal wire (4). The welding member (6) is constrained to the motion of the bar (3) to be welded to the metal wire (4) to carry out the above-mentioned welding with substantially null relative motion. The invention also relates to a machine for manufacturing metal cages.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2010015896A1

Cited by

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