

Title (en)

METHOD AND MACHINE FOR SIMULTANEOUS AND PARALLEL PRODUCTION OF SIMILAR PRODUCTS, THROUGH STRAIGHTENING AND BENDING OF WIRES, WIRE RODS, METAL TUBES OR OTHER MATERIAL OF PRISMATIC CROSS SECTION.

Title (de)

VERFAHREN UND MASCHINE ZUR GLEICHZEITIGEN UND PARALLEN HERSTELLUNG VON ÄHNLICHEN PRODUKTEN, DURCH RICHTEN UND BIEGEN VON DRÄHTEN, STABEN, METALLROHREN ODER DERGLEICHEN

Title (fr)

PROCEDE ET MACHINE DE PRODUCTION SIMULTANEE ET PARALLELE DE PRODUITS SIMILAIRES, PAR DRESSAGE ET CINTRAGE DE FILS METALLIQUES, TIGES DE FILS METALLIQUES, TUBES METALLIQUES OU AUTRES PRODUITS DE SECTION TRANSVERSALE PRISMATIQUE

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Abstract (en)

[origin: WO03103874A1] The present invention refers to a method and a machine for simultaneous and parallel production of similar products by wires (1), wire rods, tubes or other material of prismatic cross section, which is characterised by existence of more than one production lines, which operate in parallel, and which consist of similar mechanisms for straightening (4, 9) and bending (6, 11) of the material (1, 2), similar mechanisms (5, 10) for changing of the bending plane, and for cutting (21, 22) of the final parts. All the straightening mechanisms (4, 9) are driven by, a common motor, through a common driving mechanism, all the bending mechanisms are driven by a common motor, through a common driving mechanism, all the mechanisms (5, 10) for the changing of the bending plane are also driven by a common motor (14), through a common driving mechanism, and all the cutters (21, 22) are driven by a common power source. All the operation of the motors and of the driving mechanisms are controlled and programmed by one common controlling unit.

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