

Title (en)

METHOD AND MACHINE FOR BENDING OF WIRE RODS, WIRES, TUBES OR OTHER MATERIAL OF PRISMATIC CROSS SECTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BIEGEN VON DRAHTSTANGEN, DRAHT, ROHREN UND ÄHNLICHEM MATERIAL MIT PRISMATISCHEM QUERSCHNITT

Title (fr)

PROCEDE ET MACHINE PERMETTANT DE PLIER DES FILS MACHINES, DES FILS, DES TUBES OU UN AUTRE MATERIAU A SECTION TRANSVERSALE PRISMATIQUE

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Application

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Abstract (en)

[origin: WO03082492A1] Method and machine for bending of wire rods, wires, tubes or other material of prismatic cross section (1), which is characterized by a bending mechanism consisting of a fixed pin (2) and a rotating pin (3), where pin (3) bends the material (1) around the fixed pin (2). The two pins (2, 3) can be withdrawn under the plane of bending and the rotating pin (3) can rotate about the fixed pin (2) for up to 180°. Simultaneously, a gripper (5) transports the material (1) to the opposite side of the fixed pin (2). The two pins (2 and 3) return on the plane of bending, entrap the material (1) and bend it to the opposite direction. The machine consists of two bending mechanisms, which can move from the material ends towards an interior material section and bend the material (1) towards both sides, according to the proposed method.

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