Title (en)

BENDING MACHINE FOR BARS, PARTICULARLY BARS FED FROM A ROLL, AND RELATIVE METHOD

Title (de)

BIEGEMASCHINE FÜR STANGEN, INSBESONDERE VON EINER ROLLE ZUGEFÜHRTE STANGEN, UND VERFAHREN DAFÜR

Title (fr)

MACHINE À PLIER POUR BARRES, PARTICULIÈREMENT POUR BARRES ALIMENTÉES PAR ROULEAU, ET PROCÉDÉ ASSOCIÉ

Publication

EP 2029297 A1 20090304 (EN)

Application

EP 07729905 A 20070605

Priority

- EP 2007055526 W 20070605
- IT UD20060147 A 20060608

Abstract (en)

[origin: WO2007141273A1] Bending machine (10) and method for shaping metal bars (11) fed from a roll (12). The machine (10) comprises a bending assembly (13) for the metal bars (11), a shearing assembly (14) disposed upstream of the bending assembly (13) to shear the metal bars (11) to size, a first drawing assembly (15) disposed upstream of the shearing assembly (14) to unroll the metal bars (11) from the roll (12) and feed them to the bending assembly (13), and a second drawing assembly (16) disposed between the shearing assembly (14) and the first drawing assembly (15) and provided with gripper members (21, 22, 121, 122). The second drawing assembly (16) comprises selective clamping/unclamping members (23, 123), which intervene on the gripper members (21, 22, 121, 122), to selectively configure the second drawing assembly (16) between a first uninfluential operating condition, in which the gripper members (21, 22, 121, 122) do not interfere with the advance of the metal bars (11), and a second active operating condition, in which the gripper members (21, 22, 121, 122) intervene on the terminal segments of the roll (12) no longer gripped in the first drawing assembly (15) and feed the bending assembly (13).

IPC 8 full level

B21D 11/12 (2006.01)

CPC (source: EP)

B21D 11/12 (2013.01); **B21F 23/00** (2013.01)

Citation (search report)

See references of WO 2007141273A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

HR RS

DOCDB simple family (publication)

WO 2007141273 A1 20071213; BR PI0711489 A2 20120214; EP 2029297 A1 20090304; IT UD20060147 A1 20071209; RU 2008151432 A 20100720; RU 2433879 C2 20111120

DOCDB simple family (application)

EP 2007055526 W 20070605; BR PI0711489 A 20070605; EP 07729905 A 20070605; IT UD20060147 A 20060608; RU 2008151432 A 20070605