

Title (en)

"Bending press for pieces of sheet metal with integrated manipulator in a rear positioning device"

Title (de)

Abkantpresse für Blechtafeln mit in einer hintere Anschlagvorrichtung integriertem Manipulator

Title (fr)

Plieuse pour tôles avec manipulateur intégré dans un dispositif de butée arrière

Publication

EP 1772204 A1 20070411 (EN)

Application

EP 06115768 A 20060621

Priority

IT TO20050705 A 20051007

Abstract (en)

Bending press for pieces of sheet metal, comprising: - a stationary support structure (12, 14, 16) bearing a fixed tool holder table (18) and a movable tool holder table (20) able to move in a vertical plane, and - a positioning device (24) situated on the rear side of the fixed tool holder table (18) and bearing at least one retaining element (28) able to be positioned in such a way as to define a reference surface against which is thrust an edge of a piece to be bent (P). The retaining element is provided with at least one gripping element (40a, 40b, 54, 56) rotatable around a horizontal axis (42) and able to be actuated around said axis of rotation (42) under the command of a numeric control unit, in such a way that during the bending operation the gripping element (40a, 40b, 54, 56) can hold the piece and follow the movement of the lap bent by the piece.

IPC 8 full level

B21D 5/02 (2006.01); **B21D 43/26** (2006.01)

CPC (source: EP)

B21D 5/002 (2013.01); **B21D 5/0281** (2013.01); **B21D 43/26** (2013.01)

Citation (search report)

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