

Title (en)

Apparatus and method for bending of thin sheet metals.

Title (de)

Vorrichtung und Verfahren zum Biegen dünner Bleche.

Title (fr)

Appareil et procédé de pliage de tôles minces.

Publication

**EP 0418114 A2 19910320 (EN)**

Application

**EP 90402411 A 19900831**

Priority

FI 894259 A 19890911

Abstract (en)

This invention concerns bending apparatus for thin sheet materials, which apparatus comprises a frame (11) and at least two facingly arranged bending units (1, 2), which are attached to the frame, equipped with bending members connected to drive means and complemented with a top and bottom push clamp (4, 5). At least one bending unit (2) is arranged transferrable in respect to a second bending unit (1), placed essentially perpendicular to the first unit, in order to align the sheet (10) to be bent to a desired bending position. Thereby the top and bottom push clamps (4, 5) act as sheet clamps serving to transfer the sheet during alignment and/or to determine the bending position of the sheet. Said transferrable bending unit (2) is mounted on guides (12) and the positioning of the unit is arranged controllable by digital means.

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**B21D 5/04**

IPC 8 full level

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DOCDB simple family (publication)

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