

Title (en)

BENDING MACHINE AND METHOD FOR BENDING A SHEET METAL WORKPIECE

Title (de)

BIEGEMASCHINE, SOWIE VERFAHREN ZUM BIEGEN EINES BLECHWERKSTÜCKES

Title (fr)

MACHINE DE PLIAGE ET PROCÉDÉ DE PLIAGE D'UNE PIÈCE EN TÔLE

Publication

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Application

EP 14796392 A 20140827

Priority

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Abstract (en)

[origin: WO2015027265A1] The invention relates to a bending machine (1) for bending a sheet metal workpiece (2), comprising at least three bending punches (4, 5, 6) which respectively have working edges (7, 8, 9) which are aligned parallel to each other. With respect to an outlet plane (3), on which a bending section (10) of the sheet metal workpiece (2) lies, the third bending punch (6) is positioned on one side of the first and the second bending punch (4, 5) and on the opposite side of the outlet plane (3). The working edge (9) of the third bending punch (6) can be adjusted between the working edges (7, 8) of the first and second bending punches (4, 5). The third bending punch (6) comprises at least one rotary and one translatory degree of freedom in a reference plane oriented at a right-angle to the working edges (7, 8, 9). The second bending punch (5) comprises three degrees of freedom in the reference plane (19).

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