

Title (en)

A device for automating the process of bending workpieces of a metal sheet for a bending press

Title (de)

Vorrichtung zur Automatisierung des Verfahrens zum Biegen von Werkstücken aus Metallblech für eine Biegepresse

Title (fr)

Dispositif permettant d'automatiser le procédé de cintrage de pièces d'une feuille métallique pour une presse à cintrer

Publication

EP 3056290 A1 20160817 (EN)

Application

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Priority

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Abstract (en)

The invention relates to the device (1) for automating the process of bending workpieces of a metal sheet for a bending press, comprising a supporting frame (2) having a rear side for attaching the device to the press and the opposite front side and comprising two mutually parallel side walls (3) which are interconnected by at least one crosspiece (4), and means for setting the workpiece to be bent comprising: a top plate (8) with a cut-out (9), mounted on the supporting frame (2) pivotally upwards from the front side of the supporting frame (2) via at least one top plate guide (10) mounted on the side walls (3) of the supporting frame (2), a table (12) mounted slidably in the cut-out (9) of the top plate (8) on cross-guides (13) disposed along the side walls (3) of the supporting frame (2), and a rotatable plate (14) embedded rotatably in the table (12). The device (1) comprises guides (6a, 6b) for attaching the device (1) to the press along its entire length and means formed in the supporting frame (2) for slidably mounting of the supporting frame (2) on the guides (6a, 6b) and it comprises a driving device (7) mounted on the supporting frame (2) for moving the supporting frame (2) along the guides (6a, 6b).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

PL 400138 A1 20140203 - KONDRACKI BOGDAN NEW CUT [PL]

Citation (search report)

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- [A] EP 0542610 A1 19930519 - CAPELLE MICHEL [FR], et al
- [A] US 6722178 B1 20040420 - ITO KATSUhide [IT], et al
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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