

Title (en)

MANUFACTURING DEVICE, PARTICULARLY A FOLDING PRESS, HAVING ELECTRONIC TOOL DETECTION

Title (de)

FERTIGUNGSEINRICHTUNG, INSBESONDERE ABKANTPRESSE, MIT ELEKTRONISCHER WERKZEUGERFASSUNG

Title (fr)

EQUIPEMENT DE PRODUCTION, NOTAMMENT PRESSE PLIEUSE DOTEE D'UNE SAISIE ELECTRONIQUE DES OUTILS

Publication

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Application

EP 03761373 A 20030630

Priority

- AT 0300181 W 20030630
- AT 9772002 A 20020701

Abstract (en)

[origin: WO2004002650A1] The invention relates to a manufacturing device (1), particularly a folding press (2), for shaping sheet metal workpieces (3), comprising two press bars (15, 16), which can be moved relative to one another by means of a drive device (53) and which are equipped with a variable number of bending tools (36, 37) in order to obtain a required tool length (42). The bending tools (36, 37) employed comprise distinctive identifiers, which are provided in the form of electronically detectable information carriers (43), for enabling the at least partial automated recognition and/or position determination of the bending tools. An electronic detection device (44), which is provided for detecting a number of information carriers (43) and connected to a controlling device (46) or to an associated controlling and/or evaluating device (47), is assigned to the first and/or second press bar (15; 16). At least one adjusting and/or guiding device (45) is provided that extends essentially parallel to the obtainable tool length (42) and accommodates the detection device (44). When the detection device (44) is relatively displaced along the adjusting and/or guiding device (45), the identifiers or data and/or detection signals of a number of information carriers (43) can be detected in succession and can be transmitted to the controlling device (46) or to the associated controlling and/or evaluating device (47).

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