Title (en)
DEVICE FOR FORMING A WORKPIECE MADE OF SHEET METAL

Title (de)
VORRICHTUNG ZUM UMFORMEN EINES WERKSTÜCKES AUS BLECH

Title (fr)
DISPOSITIF POUR LE FORMAGE D'UNE PIÈCE EN TÔLE

Publication
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Abstract (en)
[origin: WO2015044363A1] The invention relates to a device for shaping a sheet metal blank, comprising the following features: a press frame, which has a press bed (1), vertical columns (2), a crosshead, and a ram (3); an upper tool part, comprising an outer and an inner female die part (11, 10), and a lower tool part, comprising a male die part (8) and a sheet metal retainer (9); at least one drive, which is associated with at least one of the two tool parts. The drive comprises: a plurality of pins (7), which are arranged in the press bed (1) and/or in the ram (3) in such a way that the pins can be slid vertically in a pressing direction and which act on the tool part in question; a plurality of pneumatic or hydraulic servo cushions (4), which act on individual or on groups of pins (7) in the pressing direction; a servo pump (5), which fills the servo cushions (4) and which is driven by a servo motor (6).

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