

Title (en)

DRIVE DEVICE FOR A BENDING PRESS

Title (de)

ANTRIEBSVORRICHTUNG FÜR EINE BIEGEPRESSE

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR UNE PRESSE DE PLIAGE

Publication

EP 2512791 A2 20121024 (DE)

Application

EP 10807581 A 20101215

Priority

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- AT 2010000482 W 20101215

Abstract (en)

[origin: WO2011079333A2] The invention relates to a drive device (1) for a bending press (3), in particular a press brake (2), comprising a press frame (10) having a stationary press beam (2) and having a press beam (4) that can be moved relative to the press beam (2) by means of a beam adjusting device (6) formed by a closed hydraulic system (5), comprising a hydraulic pump (46) having a controllable drive motor (47), at least one control valve (48), and at least one hydraulic linear actuator (7). The linear actuator (7) comprises a first piston arrangement (25) having a first piston (27) that divides a cylinder chamber (34) into a first pressure chamber (35) and a second pressure chamber (37) and, in a further cylinder chamber (39), a second piston arrangement (26) having a further piston (28) and at least one further pressure chamber (40). The first piston arrangement (25) and the second piston arrangement (26) are coupled to each other.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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