Title (en)
METHOD OF OPERATING A PRESS WITH A BOTTOM DRIVE AND PRESS OPERATED ACCORDING TO THIS METHOD

Title (de)
VERFAHREN ZUM BETREIBEN EINER PRESSE MIT UNTERANTRIEB UND DANACH BETRIEBENE PRESSE

Title (fr)
PROCÉDÉ POUR FAIRE FONCTIONNER UNE PRESSE ÉQUIPÉE D'UN SOUS-ENTRAÎNEMENT ET PRESSE UTILISÉE SELON LE PROCÉDÉ

Publication
EP 2608952 A2 20130703 (DE)

Application
EP 11785300 A 20110823

Priority
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Abstract (en)

[origin: CA2814928A1] In a press (1) having a bottom drive, a plunger (1.1) executing a stroke (h) and accommodating at least one upper tool part (1.2), tie rods (2.1.2) acting on the plunger (1.1) which in each case form a drive train (2.1.4) of a drive device (2) having a motor or servomotor (2.1.1), and a lower tool part (3.2) arranged on a sub-structure (3), in which the plunger (1.1) with the upper tool part (1.2) acts on the workpiece (5) to be processed, the effective forces act in a differentiated manner and in a greater effective range if, by means of an open-loop and closed-loop control device (4), values from operating states in the system of the press (1) are recorded during the processing of the workpiece (5) and are evaluated in accordance with the function (Formula (I)) to form data, and the movement of the plunger is used for x, so that the press (1) can be operated under open-loop or closed-loop control in accordance with a force system required for the workpiece (5).

IPC 8 full level
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