

Title (en)

METHOD FOR OPERATING A FORMING PRESS

Title (de)

VERFAHREN ZUR BETÄTIGUNG EINER UMFORMPRESSE

Title (fr)

PROCEDE POUR ACTIONNER UNE PRESSE DE FORMAGE

Publication

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Application

**EP 00960426 A 20000809**

Priority

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Abstract (en)

[origin: DE19939504A1] The invention relates to a method for operating a forming press, in which a workpiece (2) in a rigid press frame (1) is pretensioned against a tool (3), using a clamping force  $F_{nh}$ . At least one piston tool (4) applies an impact force  $F_{st}$  parallel to the clamping force  $F_{nh}$ . Closing cylinder forces  $F_{sz}$  are applied in opposition to the impact force  $F_{st}$  and the clamping force  $F_{nh}$  and a water reservoir (5) is configured in the tool (3) which allows corresponding forces  $p \cdot A$  to be exerted on the workpiece (2). The method is characterised in that the interfering force which results from the application of the impact force  $F_{st}$  is determined and compensated by a modification of the closing cylinder forces  $F_{sz}$ .

IPC 1-7

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