

Title (en)

Press for hot pressing billets and the like

Title (de)

Presse zum Heisspressen eines Rohlings mit geschlossenem Gesenk

Title (fr)

Presse pour presser à chaud un lopin en matrices fermées

Publication

EP 2210686 A1 20100728 (EN)

Application

EP 10150080 A 20100105

Priority

IT MI20090056 A 20090121

Abstract (en)

The present invention relates to a press (1) for hot pressing billets and the like, comprising a bottom forging die (3) rigidly coupled to the base (2) of the press and a base framework, through resilient supporting elements, and a bottom or base framework as well as a top forging die (4) associated with the press sledge (5). On the bottom die (3) at least a movable punch element (11) for press forming the workpiece is provided. The main feature of the invention is that the press further comprises driving means (13,14,16,20,21) for driving the movable punch (11), said driving means including two toggle levers (13,16) operating between the punch element (11) and a fixed point (17), a hydraulic cylinder (20,21) operating on the lever pivot pin for driving the punch element (11).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] DE 19933998 A1 20010125 - SKF GMBH [DE]
- [A] DE 102006023721 B3 20070802 - WEPUKO HYDRAULIK GMBH [DE]
- [A] ES 397281 A1 19750301 - MECOLPRESS DI GIULIO MOLINARI [IT]

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DOCDB simple family (publication)

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