

Title (en)

Locking device for hydraulically operated presses

Title (de)

Zuhaltevorrichtung für hydraulisch angetriebene Pressen

Title (fr)

Système de verrouillage pour des presses à entraînement hydraulique

Publication

EP 1075882 A3 20011114 (DE)

Application

EP 00116350 A 20000728

Priority

DE 19937310 A 19990810

Abstract (en)

[origin: EP1075882A2] The locking device is for a simple or double-acting press for high pressure shaping, with a ram (4) moving upwards and downwards and lockable by a cross-bar (11) in the shaping position. The dimension of the height of the cross-bar depends upon the closure stroke of the press (1) and is approximately or completely equal to it. The cross-bar in the locked position is arranged as a vertical extension of the upper rail walls. The height of the cross-bar is at least three times greater than its thickness. The length of the cross-bar corresponds approximately to the length of the ram and consists of a single piece or several segments.

IPC 1-7

B21D 26/02

IPC 8 full level

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CPC (source: EP)

B21D 22/205 (2013.01); **B21D 26/025** (2013.01); **B21D 26/039** (2013.01)

Citation (search report)

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- [XA] US 4247278 A 19810127 - DESCROVI MARIO, et al
- [E] EP 1063028 A1 20001227 - MUELLER WEINGARTEN MASCHF [DE]
- [A] US 4759280 A 19880726 - MALASHENKO LEON [CA]

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EP2221126A1; CN100448563C; US8739592B2; US7415863B2; WO2010094383A3; WO2004004939A1; WO2004071689A1

Designated contracting state (EPC)

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