

Title (en)  
PRESS WITH LOCKING DEVICES FOR THE SLIDE

Publication  
**EP 0314975 B1 19920520 (DE)**

Application  
**EP 88117287 A 19881018**

Priority  
DE 3737197 A 19871103

Abstract (en)  
[origin: EP0314975A1] In presses, it is necessary to ensure that the raised slide (3) is secured against a downward movement which is out of phase. For this purpose, locking devices (8) are arranged between regions (headpiece 2) which are fixed to the press, and the slide (3). The part which is fixed to the press includes blocking rods which can be guided towards and away from a blocking bar (9) which is moved with the slide (3), which rods are secured in the locking position and in their unlocking position. To find the locking position, the blocking rods are rotated over the periphery of the blocking bar (9) until the tooth on the blocking rod and the thread turn on the blocking bar coincide. The forward and reverse movement as well as the securing of the locking and unlocking position of the blocking rod is carried out by means of a cam ring provided with control cams.  
<IMAGE>

IPC 1-7  
**B30B 15/28**

IPC 8 full level  
**B30B 15/28** (2006.01)

CPC (source: EP)  
**B30B 15/287** (2013.01)

Cited by  
EP1034917A3; DE19538403C2; EP0839640A3; CN102966832A; DE102008009516A1; EP2090800A1; WO9964226A1

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