

Title (en)  
Horizontal metal extrusion press

Title (de)  
Liegende Metallstrangpresse

Title (fr)  
Presse d'extrusion de métaux horizontale

Publication  
**EP 0820820 A3 20030820 (DE)**

Application  
**EP 97112000 A 19970715**

Priority  
DE 19629854 A 19960724

Abstract (en)  
[origin: DE19629854C1] The press comprises an aperture (50) in a main cylinder slider block (21) having appropriate dimensions for enabling a bar of material to be loaded through it into a press receiver (28); and next to the slider block (21), a slide (40) oriented perpendicular to the press axis is provided for moving the extrusion ram holder (for forward extrusion) or the closure disc (for backward extrusion) so that the aperture (50) becomes unobstructed.

IPC 1-7  
**B21C 23/21**; **B21C 33/00**

IPC 8 full level  
**B21C 23/21** (2006.01); **B21C 27/00** (2006.01); **B21C 33/00** (2006.01)

CPC (source: EP)  
**B21C 23/21** (2013.01); **B21C 23/211** (2013.01); **B21C 23/218** (2013.01); **B21C 33/00** (2013.01)

Citation (search report)

- [X] US 4463589 A 19840807 - ASARI AKIRA [JP], et al
- [A] WO 8803066 A1 19880505 - INNOCENTI SANTEUSTACCHIO SPA [IT]
- [A] US 4379398 A 19830412 - ASARI AKIRA [JP], et al
- [A] US 4103529 A 19780801 - HUERTGEN HELMUT B, et al

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CN114472573A

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19629854 C1 19970724**; DE 59712125 D1 20050127; EP 0820820 A2 19980128; EP 0820820 A3 20030820; EP 0820820 B1 20041222; JP H1080717 A 19980331

DOCDB simple family (application)  
**DE 19629854 A 19960724**; DE 59712125 T 19970715; EP 97112000 A 19970715; JP 19814897 A 19970724