

Title (en)
Extrusion press

Title (de)
Strangpresse bzw. Rohr- und Strangpresse

Title (fr)
Presse d'extrusion

Publication
EP 1103315 A3 20020206 (DE)

Application
EP 00121069 A 20000928

Priority
DE 19951933 A 19991028

Abstract (en)
[origin: US6389863B1] A stripper assembly used in combination with a metal-extrusion press having a die with a back face on which residue is formed during an extrusion operation, has a blade carrier movable generally parallel to the die back face, a blade pivotal on the carrier and having an edge engageable with the die back face, and a biasing element braced between the blade and the carrier for urging the blade edge with a predetermined force transversely against the die back face. The biasing element is a pack of spring washers. The blade has a back stripper face and the carrier has a confronting front stripper face. One of the stripper faces is formed with a pocket open toward the other of the stripper faces and holding the biasing element. The stripper assembly further has a stop bolt threaded into the carrier, extending through the blade, and having a head engageable with a front face of the blade.

IPC 1-7
B21C 23/21; **B21C 35/04**

IPC 8 full level
B23D 23/00 (2006.01); **B21C 23/21** (2006.01); **B21C 35/04** (2006.01); **B21J 5/06** (2006.01); **B23D 15/04** (2006.01); **B23D 33/00** (2006.01)

CPC (source: EP US)
B21C 35/04 (2013.01 - EP US)

Citation (search report)

- [A] US 844744 A 19070219 - SCHOFIELD RICHARD [CA]
- [A] DE 477536 C 19290610 - EMIL SCHULTE
- [DA] DE 553782 C 19320630 - KREUSER GMBH ADOLF
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 04 30 April 1996 (1996-04-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 316 (M - 438) 12 December 1985 (1985-12-12)

Cited by
NL2004966C2; CN103316938A; CN104289544A; WO2011162600A1

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DOCDB simple family (application)
US 69086300 A 20001017; AT 00121069 T 20000928; DE 19951933 A 19991028; DE 50008492 T 20000928; EP 00121069 A 20000928; ES 00121069 T 20000928; JP 2000331348 A 20001030