

Title (en)

WORKING METHOD FOR LOADING A BILLET INTO A METAL EXTRUSION PRESS

Title (de)

ARBEITSVERFAHREN ZUM LADEN EINES PRESSBLOCKES IN EINE METALLSTRANGPRESSE

Title (fr)

PROCEDE POUR LE CHARGEMENT D'UNE BILLETTTE DANS UNE PRESSE A EXTRUDER LES METAUX

Publication

EP 0675771 B1 19980225 (DE)

Application

EP 93922500 A 19931014

Priority

- DE 9300994 W 19931014
- DE 4244261 A 19921222

Abstract (en)

[origin: US5657661A] PCT No. PCT/DE93/00994 Sec. 371 Date Aug. 31, 1995 Sec. 102(e) Date Aug. 31, 1995 PCT Filed Oct. 14, 1993 PCT Pub. No. WO94/14550 PCT Pub. Date Jul. 7, 1994A work method for loading an extrusion billet using a billet loader into the billet chamber of a metal extrusion press and a metal extrusion press for extruding sections through a die using an extrusion ram. Whereby the loading can be carried out regardless of the position of the billet chamber and the movement upon the removal of the extrusion residue. The metal extrusion press has a billet loading device coupled to the billet chamber and movable jointly with it in and opposite to the extrusion direction. The extrusion ram can be positioned spaced from the billet chamber by at least the length of an extrusion billet.

IPC 1-7

B21C 33/00

IPC 8 full level

B21C 33/00 (2006.01); **B30B 15/32** (2006.01)

CPC (source: EP KR US)

B21C 33/00 (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 5657661 A 19970819; AT E163373 T1 19980315; AU 5148293 A 19940719; DE 4244261 A1 19940623; DE 4244261 C2 19950511; DE 59308188 D1 19980402; EP 0675771 A1 19951011; EP 0675771 B1 19980225; ES 2112998 T3 19980416; JP 3450008 B2 20030922; JP H08504677 A 19960521; KR 950704063 A 19951117; WO 9414550 A1 19940707

DOCDB simple family (application)

US 46477095 A 19950831; AT 93922500 T 19931014; AU 5148293 A 19931014; DE 4244261 A 19921222; DE 59308188 T 19931014; DE 9300994 W 19931014; EP 93922500 A 19931014; ES 93922500 T 19931014; JP 51465894 A 19931014; KR 19950702590 A 19950622