

Title (en)  
EXTRUSION PRESS WITH A DEVICE FOR AUTOMATICALLY REMOVING METALLIC MATERIAL DEPOSITED ON A MANDREL OF SUCH A PRESS

Title (de)  
STRANGPRESSE MIT EINER VORRICHTUNG ZUM AUTOMATISCHEN BÜRSTEN DES STEMPELS DER PRESSE

Title (fr)  
PRESSE D'EXTRUSION AVEC MOYEN DE BROSSAGE AUTOMATIQUE DU POINCON DE LA PRESSE

Publication  
**EP 3117914 A1 20170118 (EN)**

Application  
**EP 16179081 A 20160712**

Priority  
IT UB20152137 A 20150713

Abstract (en)  
An extrusion press comprises a device (15) for automatically removing the metal material, such as aluminum, from the surface of a mandrel (7) of such extrusion press (1), said mandrel (7) being movable with respect to a container (3) of a billet to be extruded and to an extrusion die (4) integral with said container, said mandrel (7) being movable along a longitudinal axis (W) thereof and being rotatable about it, such mandrel (7) being insertable within the extrusion die (4) and the container (3) with said movement along the axis (W) thereof in order to carry out the extrusion of the billet. A metal brush (25) is provided adapted to remove such material from said mandrel (7) when it is outside the container (3) of the billet, and lubricating means (47) of the surface of the mandrel (7) during the brushing operation.

IPC 8 full level  
**B21C 35/06** (2006.01); **B21C 23/21** (2006.01); **B21C 23/32** (2006.01)

CPC (source: EP)  
**B21C 23/218** (2013.01); **B21C 23/32** (2013.01); **B21C 35/06** (2013.01)

Citation (applicant)  
DE 3120770 A1 19820211 - KOBE STEEL LTD [JP]

Citation (search report)  
• [AD] DE 3120770 A1 19820211 - KOBE STEEL LTD [JP]  
• [A] DE 3928888 A1 19910307 - BENTELER WERKE AG [DE]  
• [A] FR 1491886 A 19670811 - DAVY & UNITED ENG CO LTD

Cited by  
CN111715716A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

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