

Title (en)
FLASH CUTTING MACHINE FOR SLABS, BLOOMS AND BILLETS

Publication
EP 0193619 A3 19881109 (DE)

Application
EP 84114939 A 19841207

Priority
DE 3438010 A 19841017

Abstract (en)
[origin: US4685192A] Burrs on flame-cut semi-products are removed with the aid of a transversely guided flat chisel driven pulsatingly by a pneumatic percussion device, which reduces the advance forces required. The inclination of the flat chisel may be varied during operation against a continuously effective force to permit the chisel edge to follow any uneven areas, e.g. cambers, which may be present on the product surface bearing the burr, and to cause the chisel edge to always engage between the product surface and the burr. A variable speed drive is used for relative advance movement between the chisel and the product, so that the advance speed is increased when a portion of the burr splits off and gives way during chisel operation.

IPC 1-7
B22D 11/126; B23K 7/10; B23D 79/06

IPC 8 full level
B23D 1/22 (2006.01); **B22D 11/126** (2006.01)

CPC (source: EP US)
B22D 11/126 (2013.01 - EP US); **Y10T 29/49975** (2015.01 - EP US)

Citation (search report)
• [A] DE 2757546 A1 19790705 - IPU LTD
• [A] DE 2925419 A1 19810108 - IPU LTD
• [AD] DE 2849208 A1 19800522 - SACK GMBH

Designated contracting state (EPC)
AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)
DE 3438010 A1 19860417; **DE 3438010 C2 19860828**; EP 0193619 A2 19860910; EP 0193619 A3 19881109; JP S61173806 A 19860805; US 4685192 A 19870811

DOCDB simple family (application)
DE 3438010 A 19841017; EP 84114939 A 19841207; JP 22901785 A 19851016; US 78847285 A 19851017