

Title (en)
Burr remover device and cutting tool for continuous casting installations

Title (de)
Entbartereinrichtung und -werkzeuge für Stahlstranggiessanlagen

Title (fr)
Dispositif et outil coupant d'égavurage pour les installations de coulée continue

Publication
EP 0838287 B1 20000503 (DE)

Application
EP 96117216 A 19961026

Priority
EP 96117216 A 19961026

Abstract (en)
[origin: EP0838287A1] The continuous steel casting installation with a deburring unit for removal of flame-cutting burrs (1) from strips (2) is improved by (a) a vertically movable, tubular body (3) houses a piston (4) which is operated by compressed air containing a lubricant, and serves for pressing a deburring tool (5) against the strip; (b) the tool is designed as an easily changeable deburring cap or deburring chisel (7), and is provided with back and front cutting elements (8); (c) the sides (10) of the tool protect the piston (4) against chips; (d) the shape of the tool in the region of the cutting elements is rounded and slightly inclined in the working direction, or it is a combination of round, inclined and straight sections; and (e) the tool is cooled and lubricated by exhaust compressed air.

IPC 1-7
B22D 11/12; **B22D 11/126**

IPC 8 full level
B22D 11/126 (2006.01); **B22D 31/00** (2006.01)

CPC (source: EP US)
B22D 11/1265 (2013.01 - EP US); **Y10T 29/4528** (2015.01 - EP US); **Y10T 29/5182** (2015.01 - EP US); **Y10T 409/501968** (2015.01 - EP US); **Y10T 409/502132** (2015.01 - EP US)

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