

Title (en)

Process and installation for making continuously cast pieces

Title (de)

Verfahren zur Herstellung von stranggegossenen Gussstücken und Anlage zur Durchführung des Verfahrens

Title (fr)

Procédé et installation de fabrication des pièces coulées en coulinu

Publication

EP 0881017 A3 19990210 (DE)

Application

EP 98890138 A 19980512

Priority

AT 82897 A 19970514

Abstract (en)

[origin: EP0881017A2] The method concerns production of continuously cast (preferably steel) billets (7). A process parameter determined during casting is compared with a limit value, and the result is used to decide on the subsequent treatment of the billet. Either the continuous billet (7) or the separated billet (7') still in its hot state is machined to remove its surface or near-surface faults, with the machining process activated and deactivated on the basis of relevant process parameters. The installation includes a machine (10) for machining at least one surface region of the billet (7) or (7'). This machine is controlled on the basis of process parameters such as casting speed, melt temperature, melt level fluctuations in the mould (6), the chemical composition of the melt etc.

IPC 1-7

B22D 11/12; **B22D 11/16**

IPC 8 full level

B22D 11/12 (2006.01); **B22D 11/16** (2006.01)

CPC (source: EP)

B22D 11/12 (2013.01); **B22D 11/16** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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