

Title (en)

GRINDING METHOD AND GRINDING SYSTEM FOR BILLET.

Publication

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Application

EP 93904335 A 19930223

Priority

- JP 9300218 W 19930223
- JP 28331992 A 19921021

Abstract (en)

[origin: WO9408754A1] A grinding method, in which an abrasive material (6) is ejected from a nozzle (1, 108) onto a billet (3, W) so as to grind the same, and which is applied to a continuous casting step or a step subsequent thereto, which method is characterized in that abrasive material-mixed high-pressure water is applied in the form of a jet to the surface of a billet so as to grind a flaw-carrying portion (12, 12', 12'', 12''') thereof; and a grinding system for practising this grinding method, having a supply source (19-20, 103) of a high-pressure liquid and an abrasive material, a nozzle (4, 102) connected to the supply source, and a combination of an abrasive material recovering unit (104) for recovering as necessary the abrasive material, which has been used for a grinding operation, and returning the same to the supply source, and a flaw detecting means (15-16, 101).

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B24C 5/02

IPC 8 full level

B24C 1/04 (2006.01); **B24C 3/12** (2006.01); **B24C 7/00** (2006.01)

CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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WO 9408754 A1 19940428; AU 3574893 A 19940509; AU 670573 B2 19960725; BR 9305541 A 19951226; CN 1085840 A 19940427; CN 1095728 C 20021211; DE 69325807 D1 19990902; DE 69325807 T2 20000316; EP 0645214 A1 19950329; EP 0645214 A4 19950419; EP 0645214 B1 19990728; ES 2134256 T3 19991001; JP H06126630 A 19940510; KR 0161671 B1 19981215; TW 245673 B 19950421

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