

Title (en)

METHOD FOR KEEPING OPEN THE FLOW CONDUIT OF SLIDE GATE NOZZLES IN CONTINUOUS CASTING PLANTS

Publication

**EP 0320575 A3 19900613 (DE)**

Application

**EP 88114741 A 19880909**

Priority

DE 3742215 A 19871212

Abstract (en)

[origin: EP0320575A2] In order to achieve improved strand quality, the flow conduit for the melt is kept free of deposits at the throttling edges of the slide gate nozzle by an opening stroke of the slide plate, performed in coordination with the automatic control of the setpoint filling level, out of the throttling position into a new throttling position. <IMAGE>

IPC 1-7

**B22D 11/16**

IPC 8 full level

**B22D 11/18** (2006.01); **B22D 11/10** (2006.01); **B22D 11/16** (2006.01); **B22D 41/22** (2006.01); **B22D 41/44** (2006.01)

CPC (source: EP KR US)

**B22D 11/16** (2013.01 - EP US); **B22D 27/00** (2013.01 - KR)

Citation (search report)

- [Y] DE 3344127 A1 19850620 - BBC BROWN BOVERI & CIE [DE]
- [Y] DE 3608503 A1 19870917 - STOPINC AG [CH]
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Designated contracting state (EPC)

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**EP 0320575 A2 19890621; EP 0320575 A3 19900613; EP 0320575 B1 19930526;** AR 240268 A1 19900330; AT E89772 T1 19930615; BR 8806518 A 19890822; CA 1322448 C 19930928; CN 1013081 B 19910710; CN 1034156 A 19890726; CS 770088 A3 19921216; CZ 284252 B6 19981014; DE 3742215 A1 19890622; DE 3742215 C2 19910704; DE 3881356 D1 19930701; ES 2042668 T3 19931216; FI 85958 B 19920313; FI 85958 C 19920625; FI 885707 A0 19881209; FI 885707 A 19890613; JP 2756683 B2 19980525; JP H026041 A 19900110; KR 890009503 A 19890802; KR 960013885 B1 19961010; MX 170737 B 19930910; PL 163968 B1 19940630; PL 276316 A1 19890821; RU 2038887 C1 19950709; SK 281170 B6 20001211; US 4890665 A 19900102; ZA 888711 B 19900530

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**EP 88114741 A 19880909;** AR 31266588 A 19881209; AT 88114741 T 19880909; BR 8806518 A 19881209; CA 585408 A 19881209; CN 88107411 A 19881212; CS 770088 A 19881123; DE 3742215 A 19871212; DE 3881356 T 19880909; ES 88114741 T 19880909; FI 885707 A 19881209; JP 30708888 A 19881206; KR 880016392 A 19881209; MX 1404388 A 19881205; PL 27631688 A 19881209; SK 770088 A 19881123; SU 4356776 A 19881109; US 28105388 A 19881208; ZA 888711 A 19881121