

Title (en)

AUTOMATION OF A HIGH-SPEED CONTINUOUS CASTING PLANT

Title (de)

AUTOMATISIERUNG EINER HOCHGESCHWINDIGKEITS-STRANGGIESSANLAGE

Title (fr)

AUTOMATISATION D'UNE INSTALLATION DE COULEE CONTINUE GRANDE VITESSE

Publication

EP 1183118 A1 20020306 (DE)

Application

EP 00942018 A 20000607

Priority

- DE 19925713 A 19990607
- EP 0005216 W 20000607

Abstract (en)

[origin: WO0074878A1] The invention relates to a method for automatically operating a high-speed continuous casting plant. According to said method, the stopping or slide movement, the modification of the steel level, the heat currents through the mold walls, the temperature of the liquid metal and the drawing-off speed are measured over the casting time, supplied to a computer and compared with predetermined limit values for an automatic operating mode.

IPC 1-7

B22D 11/16

IPC 8 full level

B22D 11/16 (2006.01); **B22D 11/18** (2006.01); **B22D 11/20** (2006.01)

CPC (source: EP KR US)

B22D 11/16 (2013.01 - EP KR US)

Citation (search report)

See references of WO 0074878A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0074878 A1 20001214; AT E230318 T1 20030115; CA 2375133 A1 20001214; CN 1200788 C 20050511; CN 1368908 A 20020911; DE 10027324 A1 20010308; DE 10027324 C2 20030410; DE 50001011 D1 20030206; EP 1183118 A1 20020306; EP 1183118 B1 20030102; ES 2192532 T3 20031016; JP 2003501265 A 20030114; KR 100752693 B1 20070829; KR 20020026448 A 20020410; MX PA01012413 A 20040910; TW 469187 B 20011221; US 2004244941 A1 20041209; US 6793006 B1 20040921; US 6854507 B2 20050215

DOCDB simple family (application)

EP 0005216 W 20000607; AT 00942018 T 20000607; CA 2375133 A 20000607; CN 00811472 A 20000607; DE 10027324 A 20000605; DE 50001011 T 20000607; EP 00942018 A 20000607; ES 00942018 T 20000607; JP 2001501396 A 20000607; KR 20017015701 A 20011206; MX PA01012413 A 20000607; TW 89111188 A 20001218; US 86086604 A 20040604; US 915302 A 20020510