

Title (en)
METHOD AND APPARATUS FOR CONTINUOUS TWIN-ROLL CASTING

Publication
EP 0233147 B1 19881221 (DE)

Application
EP 87810055 A 19870128

Priority
CH 58186 A 19860213

Abstract (en)
[origin: US4823860A] A flow of coolant is injected or blown into spaces bounded by a cast strip the point of minimal separation between the rolls, and the rolls themselves. The coolant is injected or blown by means of nozzles disposed on both sides of the strip. In the case of an asymmetric emergence of the strip due to increased adhesion to one of the rolls, the resulting asymmetric conditions cause the strip to continually be redirected into a symmetric position. This stabilizing effect renders it possible to achieve a much greater length of contact between the cast metal and the rolls and consequently to realize the essential increase of the production rate of the casting line.

IPC 1-7
B22D 11/06

IPC 8 full level
B22D 11/06 (2006.01)

CPC (source: EP US)
B22D 11/0682 (2013.01 - EP US)

Citation (examination)
E. Herrmann, "Handbook on Continuous Casting", 1980, S. 63-65 bzw. 166-167

Cited by
KR100776043B1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0233147 A1 19870819; EP 0233147 B1 19881221; AT E39333 T1 19890115; CA 1293102 C 19911217; DE 3760023 D1 19890126; ES 2005801 B3 19910401; GR 3000019 T3 19891031; JP H0783917 B2 19950913; JP S62192230 A 19870822; US 4823860 A 19890425

DOCDB simple family (application)
EP 87810055 A 19870128; AT 87810055 T 19870128; CA 529607 A 19870212; DE 3760023 T 19870128; ES 87810055 T 19870128; GR 890400015 T 19890227; JP 2841587 A 19870212; US 1234787 A 19870209