

Title (en)
HIGH SPEED ROLL CASTING PROCESS AND PRODUCT

Title (de)
HOCHGESCHWINDIGKEITSWALZENGIESSVERFAHREN UND SO HERGESTELLTES PRODUKT

Title (fr)
PROCESSUS DE LAMINAGE A HAUTE VITESSE ET PRODUIT OBTENU

Publication
EP 0850115 A4 20010516 (EN)

Application
EP 96919420 A 19960614

Priority
• BR 9502834 A 19950616
• US 9610319 W 19960614

Abstract (en)
[origin: WO9700147A1] The present invention pertains to a method for casting metal between two casting surfaces (8, 10), such as a roll caster, by feeding molten metal (16) into the caster. A fine, uniform layer of carbonaceous material (32) is applied to the exterior of the casting surface (28) upstream of a casting zone (2). Thereafter, the molten metal is solidified as it passes through the casting zone (Z), and the gauge of the solidified metal is reduced at least 10 %. The cast sheet (12) of this invention exhibits a uniform surface appearance.

IPC 1-7
B22D 11/06; **B22D 11/07**

IPC 8 full level
B22D 11/00 (2006.01); **B22D 11/059** (2006.01); **B22D 11/06** (2006.01); **B22D 11/07** (2006.01); **B22D 11/22** (2006.01)

CPC (source: EP KR)
B22D 11/06 (2013.01 - KR); **B22D 11/0622** (2013.01 - EP); **B22D 11/0668** (2013.01 - EP); **B22D 11/07** (2013.01 - KR)

Citation (search report)
• [A] GB 1061459 A 19670315 - ALUMINIUM LAB LTD
• [A] FR 2291814 A1 19760618 - SOUTHWIRE CO [US]
• [A] WO 9509707 A1 19950413 - HUNTER ENG CO [US]
• [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 170 (M - 315) 7 August 1984 (1984-08-07)
• [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 026 (M - 921) 18 January 1990 (1990-01-18)
• See references of WO 9700147A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9700147 A1 19970103; AR 002508 A1 19980325; AU 6176896 A 19970115; BR 9502834 A 19970923; EP 0850115 A1 19980701; EP 0850115 A4 20010516; JP 3085985 B2 20000911; JP H11507595 A 19990706; KR 100360176 B1 20030226; KR 19990022962 A 19990325

DOCDB simple family (application)
US 9610319 W 19960614; AR 10319196 A 19960618; AU 6176896 A 19960614; BR 9502834 A 19950616; EP 96919420 A 19960614; JP 50334897 A 19960614; KR 19970709432 A 19971215