

Title (en)
CASTING STAINLESS STEEL STRIP ON SURFACE WITH SPECIFIED ROUGHNESS

Title (de)
GIESSEN EINES KONTINUIERLICHEN STAHLBANDES AUF EINE OBERFLÄCHE MIT BESTIMMTER RAUHIGKEIT

Title (fr)
COULEE D'UNE BANDE D'ACIER INOXYDABLE SUR UNE SURFACE A RUGOSITE PREDETERMINEE

Publication
EP 0679114 B2 20041103 (EN)

Application
EP 95900015 A 19941109

Priority
• AU 9400685 W 19941109
• AU PM253993 A 19931118

Abstract (en)
[origin: WO9513889A1] Method of continuously casting metal strip (20) from a casting pool of molten metal supported on chilled casting rolls (16) such that metal solidifies onto moving casting surfaces of the rolls. The metal is austenitic stainless steel containing chromium and nickel in a ratio (Cr/Ni)_{eq} of less than 1.60 (preferably no greater than 1.55) and the casting surface of each roll has an Arithmetical Mean Roughness Value (Ra) of more than 2.5 microns (preferably in the range 2.5 to 15 microns).

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B22D 11/06

IPC 8 full level
B22D 11/00 (2006.01); **B22D 11/04** (2006.01); **B22D 11/06** (2006.01)

CPC (source: EP KR)
B22D 11/00 (2013.01 - KR); **B22D 11/0651** (2013.01 - EP); **B22D 11/0668** (2013.01 - EP)

Citation (opposition)
Opponent :
• EP 0378705 A1 19900725 - NIPPON STEEL CORP [JP]
• "Thin strip casting experiments at IRSID and Thyssen Stahl AG", Iron and steelmaker, pp. 27-32, August 1993

Designated contracting state (EPC)
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