

Title (en)

APPARATUS AND METHOD FOR CHILL CASTING OF METAL STRIP EMPLOYING A CHROMIUM CHILL SURFACE

Publication

EP 0024506 B1 19840912 (EN)

Application

EP 80103687 A 19800630

Priority

US 6625479 A 19790813

Abstract (en)

[origin: EP0024506A1] In the process of making metal strip directly from the melt by depositing molten metal onto the surface of a rapidly moving chill (1) body, the useful life of the surface of the chill body is prolonged, and strip properties are improved, by using a chill body (1) constructed of silver, copper or molybdenum, or alloys of silver, copper or molybdenum, having a chromium-coated, chill surface (3) with critically defined thickness and surface texture.

IPC 1-7

B22D 11/04; **B22D 11/06**

IPC 8 full level

B22D 11/00 (2006.01); **B22D 11/06** (2006.01)

CPC (source: EP)

B22D 11/005 (2013.01); **B22D 11/0651** (2013.01); **B22D 11/0654** (2013.01)

Cited by

DE10392662B4; US7291231B2; EP0687515A1; US5842511A; US4660622A; DE112004001542B4; US6668907B1; CN1051262C; US5469909A; US5588582A; DE102013008396A1; DE102013008396B4; US6536507B1; WO0132334A1; WO9633828A1; US6764556B2; WO2014184007A1; DE202014011248U1; US10422018B2

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0024506 A1 19810311; **EP 0024506 B1 19840912**; CA 1160423 A 19840117; DE 3069151 D1 19841018; JP S5630061 A 19810326; JP S599259 B2 19840301

DOCDB simple family (application)

EP 80103687 A 19800630; CA 357948 A 19800811; DE 3069151 T 19800630; JP 11158680 A 19800813