

Title (en)

METHOD AND APPARATUS FOR DIRECT CASTING OF CRYSTALLINE STRIP IN NON-OXIDIZING ATMOSPHERE

Publication

**EP 0174766 B1 19891102 (EN)**

Application

**EP 85306048 A 19850827**

Priority

US 65037484 A 19840913

Abstract (en)

[origin: EP0174766A2] A method is provided for directly casting molten metal (19) from a U-shaped structure of the exit end (26) of a casting vessel (18) onto a moving casting surface (20) to form a continuous strip (15) of crystalline material. The method includes providing a non-oxidizing atmosphere in a zone defined above the molten metal (19), across the width of the U-shaped structure and adjacent the casting surface (20). An apparatus is also provided.

IPC 1-7

**B22D 11/06**; **B22D 27/00**

IPC 8 full level

**B22D 11/06** (2006.01); **B22D 27/00** (2006.01)

CPC (source: EP KR)

**B21D 11/06** (2013.01 - KR); **B22D 11/0611** (2013.01 - EP); **B22D 27/003** (2013.01 - EP)

Cited by

CN113134583A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0174766 A2 19860319**; **EP 0174766 A3 19870325**; **EP 0174766 B1 19891102**; AT E47679 T1 19891115; AU 4652785 A 19860320; AU 578967 B2 19881110; BR 8504333 A 19860708; CA 1233618 A 19880308; DE 3573991 D1 19891207; ES 546609 A0 19861201; ES 8701551 A1 19861201; JP H0641019 B2 19940601; JP S6174760 A 19860417; KR 860002311 A 19860424; KR 910001175 B1 19910225; MX 163498 B 19920522

DOCDB simple family (application)

**EP 85306048 A 19850827**; AT 85306048 T 19850827; AU 4652785 A 19850822; BR 8504333 A 19850909; CA 489544 A 19850828; DE 3573991 T 19850827; ES 546609 A 19850830; JP 20325285 A 19850913; KR 850006436 A 19850913; MX 20648685 A 19850902