

Title (en)

CASTING POWDER FOR USE IN BOTTOM POUR INGOT STEEL PRODUCTION AND METHOD FOR EMPLOYING SAME.

Title (de)

GIESSPULVER BEI DER BLOCKSTAHLERZEUGUNG IM UNTERGUSS UND VERFAHREN ZU SEINER VERWENDUNG.

Title (fr)

POUDRE DE COULEE DESTINEE A ETRE UTILISEE DANS LA PRODUCTION D'ACIER EN LINGOTS PAR COULEE EN SOURCE ET PROCEDE D'UTILISATION.

Publication

**EP 0321478 B1 19931103 (EN)**

Application

**EP 87905525 A 19870810**

Priority

US 89606786 A 19860813

Abstract (en)

[origin: WO8801210A1] A casting powder for use in ingot steel production through bottom pour process. The powder combines the crucial properties of existing bottom pour fluxes and hot topping compounds into a single, easily dispensed mixture. The present invention provides a significant simplifying and savings over present methods while producing steel with fewer impurities.

IPC 1-7

**B22D 27/00**

IPC 8 full level

**B22D 7/10** (2006.01); **B22D 7/12** (2006.01); **B22D 27/06** (2006.01); **B22D 27/18** (2006.01)

CPC (source: EP KR)

**B22D 7/12** (2013.01 - EP); **B22D 27/00** (2013.01 - KR); **B22D 27/06** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 8801210 A1 19880225**; AU 604503 B2 19901220; AU 7856787 A 19880308; BR 8707766 A 19890815; CA 1285461 C 19910702; DE 3788067 D1 19931209; DE 3788067 T2 19940519; EP 0321478 A1 19890628; EP 0321478 A4 19900410; EP 0321478 B1 19931103; JP H01501536 A 19890601; KR 880701599 A 19881104; MX 169019 B 19930617

DOCDB simple family (application)

**US 8701958 W 19870810**; AU 7856787 A 19870810; BR 8707766 A 19870810; CA 544344 A 19870812; DE 3788067 T 19870810; EP 87905525 A 19870810; JP 50503387 A 19870810; KR 880700405 A 19880413; MX 779087 A 19870818