

Title (en)

Preventing undissolved alloying ingredient from entering continuous casting mold.

Title (de)

Vermeiden des Eintritts ungelöster Legierungsbestandteile in die Stranggusskokille.

Title (fr)

Prévention de l'entraînement de constituants d'alliage non dissouts dans une lingotière de coulée continue.

Publication

EP 0230124 A1 19870729 (EN)

Application

EP 86309716 A 19861212

Priority

US 80857085 A 19851213

Abstract (en)

Molten steel containing an undissolved alloying ingredient denser than molten steel (e.g. Pb and/or Bi) flows from a tundish to a continuous casting mold. Various expedients are employed to prevent large globules of undissolved alloying ingredient from flowing out of the tundish into the mold. Another expedient prevents large quantities of undissolved alloying ingredient from accumulating on the bottom of the tundish.

IPC 1-7

B22D 11/10; **C21C 7/04**

IPC 8 full level

B22D 11/118 (2006.01); **C21C 7/04** (2006.01)

CPC (source: EP)

B22D 11/118 (2013.01); **C21C 7/04** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0230124 A1 19870729; **EP 0230124 B1 19910417**; AU 3319689 A 19890629; AU 584851 B2 19890601; AU 599536 B2 19900719; AU 6606986 A 19870618; BR 8606159 A 19870922; CA 1267766 A 19900417; DE 3678817 D1 19910523; ES 2021599 B3 19911116; IN 169103 B 19910907; MX 170152 B 19930810; ZA 869345 B 19870930

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EP 86309716 A 19861212; AU 3319689 A 19890419; AU 6606986 A 19861203; BR 8606159 A 19861211; CA 517578 A 19860905; DE 3678817 T 19861212; ES 86309716 T 19861212; IN 935MA1986 A 19861202; MX 458186 A 19861208; ZA 869345 A 19861211