

Title (en)

Process and apparatus for continuous casting with a grooved casting wheel.

Title (de)

Verfahren und Vorrichtung zum Stranggiessen mit Hilfe eines Giessrades mit Umfangsnut.

Title (fr)

Procédé et dispositif de coulée continue sur roue à gorge.

Publication

EP 0066524 A1 19821208 (FR)

Application

EP 82420062 A 19820512

Priority

FR 8110098 A 19810515

Abstract (en)

[origin: US4444244A] A method and apparatus are set forth relating to casting of metals with a high melting point utilizing a casting wheel having a grooved rim into which liquid metal is introduced. The metal is sealed during solidification by means of movable flaps which move with the wheel during its rotation. Cooling device and device for positioning of the flaps are provided and the apparatus provides for manufacture of bars or strips of ferrous or non-ferrous metals which are free from sharp edges and burrs.

Abstract (fr)

La roue de coulée [29] comporte une jante à gorge dans laquelle on introduit le métal liquide, qui est obturée pendant la solidification au moyen de volets mobiles [31] qui accompagnent la roue dans sa rotation. Des moyens de refroidissement et aussi de positionnement des volets sont prévus. Le dispositif convient en particulier à la réalisation de barres ou de bandes, en métaux ferreux, ou non ne comportant pas d'arêtes ou de bavures.

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B22D 11/06

IPC 8 full level

B22D 11/06 (2006.01)

CPC (source: EP KR US)

B22D 11/06 (2013.01 - KR); **B22D 11/0602** (2013.01 - EP US)

Citation (search report)

- [X] FR 2317032 A1 19770204 - PECHINEY ALUMINIUM [FR]
- [A] FR 683940 A 19300619
- [A] FR 894970 A 19450111 - ANDRE ARTHUR TRANCHART

Cited by

US5484010A

Designated contracting state (EPC)

AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)

US 4444244 A 19840424; AT E16900 T1 19851215; AU 542181 B2 19850207; AU 8372182 A 19821118; BR 8202768 A 19830419; CA 1185414 A 19850416; DE 3267885 D1 19860123; EP 0066524 A1 19821208; EP 0066524 B1 19851211; ES 512110 A0 19830701; ES 8307554 A1 19830701; FI 69973 B 19860131; FI 69973 C 19860912; FI 821669 A0 19820512; FI 821669 L 19821116; FR 2505690 A1 19821119; FR 2505690 B1 19840120; IN 158949 B 19870228; JP S57193270 A 19821127; JP S6141659 B2 19860917; KR 830009822 A 19831223; KR 880001958 B1 19881008; MX 158768 A 19890313; ZA 823353 B 19830330

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US 37478082 A 19820504; AT 82420062 T 19820512; AU 8372182 A 19820514; BR 8202768 A 19820513; CA 403017 A 19820514; DE 3267885 T 19820512; EP 82420062 A 19820512; ES 512110 A 19820512; FI 821669 A 19820512; FR 8110098 A 19810515; IN 433CA1982 A 19820420; JP 7807582 A 19820510; KR 820002113 A 19820515; MX 19269182 A 19820514; ZA 823353 A 19820514