

Title (en)

Process for continuous rotary casting and installation for performing the process.

Title (de)

Drehstranggussverfahren und Vorrichtung zur Durchführung des Verfahrens.

Title (fr)

Procédé de coulée continue rotative et dispositif pour sa mise en oeuvre.

Publication

EP 0447336 A1 19910918 (FR)

Application

EP 91420087 A 19910312

Priority

FR 9003845 A 19900313

Abstract (en)

The process and the device according to the invention relate to the continuous rotary casting of metals or alloys. According to this process, casting of a metal round (8) is stopped as soon as the required length has been achieved; this round is transferred by a suitable transfer means (30), while keeping its vertical axis on a cooling support (21) which drives the round in rotation again, while optionally continuing its cooling by spraying a fluid, so as to permit solidification of the liquid phase under conditions permitting correct feeding and production of an equiaxed structure. <IMAGE>

IPC 1-7

B22D 11/124; **B22D 11/14**

IPC 8 full level

B22D 11/124 (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP)

B22D 11/124 (2013.01); **B22D 11/144** (2013.01)

Citation (search report)

- [A] GB 1138201 A 19681227 - ASHMORE BENSON PEASE & COMPANY
- [A] US 3620825 A 19711116 - LOHMANN HARALD, et al
- [A] US 3800848 A 19740402 - CHAULET R, et al
- [A] US 3583469 A 19710608 - PEYTAVIN PIERRE, et al
- [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 5 (M-267)[1442], 11 janvier 1984; & JP-A-58 168 459 (ISHIKAWJIMA HARIMA) 04-10-1983

Designated contracting state (EPC)

AT BE DE ES GB IT LU

DOCDB simple family (publication)

EP 0447336 A1 19910918; FR 2659580 A1 19910920; FR 2659580 B1 19920522

DOCDB simple family (application)

EP 91420087 A 19910312; FR 9003845 A 19900313