Title (en)

DEVICE FOR CONTINUOUSLY CASTING STRIPS OF NON-FERROUS METAL, IN PARTICULAR COPPER OR COPPER ALLOY

Title (de)

VORRICHTUNG ZUM STRANGGIESSEN VON BÄNDERN AUS NICHTEISENMETALL, INSBESONDERE AUS KUPFER ODER KUPFERLEGIERUNGEN

Title (fr)

DISPOSITIF DE COULEE CONTINUE DE FEUILLARDS EN METAL NON FERREUX, NOTAMMENT EN CUIVRE OU EN ALLIAGE DE CUIVRE

Publication

EP 0754100 B1 19981223 (DE)

Application

EP 95919920 A 19950530

Priority

- AT 9500109 W 19950530
- AT 111494 A 19940531

Abstract (en)

[origin: WO9532825A1] A device for continuously casting strips, in particular copper or copper alloy strips, has a metal-receiving vessel (2) and a casting die (3) connected to the metal-receiving vessel (2). The casting die (3) has a circumferential section (5) formed by the casing (6) of a wheel that rotates around a horizontal axis (8) and located above the horizontal diameter plane of the wheel (7), and a part (4) joined to the metal-receiving vessel (2) and tightly joined to the casing (6) of the wheel (7) that forms a discharge device for the strip (17). In order to create advantageous casting conditions, the heatable metal-receiving vessel (2) is joined to the casting die (3) by a feeder (30), the cooled part (4) of the casting die (3) associated to the metal-receiving vessel (2) forms with the wheel casing (6) a moulding and discharge slot (29) with a constant cross-section in the direction of discharge, and the height of the metal-receiving vessel (2) corresponds to at least twice the inner width of the feeder neck measured in the circumferential direction of the wheel (7).

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