

Title (en)

POURING SPOUT CONSISTING OF SEVERAL PARTS FOR THE INTRODUCTION OF MOLTEN METAL INTO THE CASTING CHAMBER OF A CONTINUOUS-CASTING MACHINE

Publication

EP 0244354 A3 19880323 (DE)

Application

EP 87810241 A 19870416

Priority

- CH 178786 A 19860430
- CH 341186 A 19860825

Abstract (en)

[origin: US4798315A] In a casting nozzle, tubes are placed between a bar-shaped mouthpiece and a distribution bar, which connect holes in the mouthpiece and the distribution bar to allow for the flow of the melt. Pulling rods which are under tension, are anchored to the mouthpiece and to the distribution bar and press these parts elastically against the ends of the tubes in such a manner that the nozzle components are elastically braced, yet remain flexible and can adjust freely to heat dilatations or inaccuracies which occur in fabrication or assembly. The nozzle components, particularly the tubes, are easy to obtain and to exchange. Due to the fact that the pulling rods enter the mouthpiece from its back side and are anchored therein, the mouthpiece can be very slender, thus allowing for thin casting.

IPC 1-7

B22D 11/06

IPC 8 full level

B22D 11/06 (2006.01)

CPC (source: EP US)

B22D 11/0642 (2013.01 - EP US)

Citation (search report)

- [AD] EP 0133485 A2 19850227 - KRUPP GMBH [DE]
- [AD] GB 2013855 A 19790815 - ALUSUISSE
- [AD] GB 2140721 A 19841205 - ALUSUISSE
- [AD] US 3805877 A 19740423 - WARD G

Cited by

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