Title (en)

Tubular continuous casting mould for metals

Title (de)

Rohrförmige Stranggusskokille für Metalle

Title (fr)

Lingotiére tubulaire de coulée continue en charge des métaux

Publication

EP 0993890 B1 20030521 (FR)

Application

EP 99402210 A 19990909

Priority

FR 9811915 A 19980924

Abstract (en)

[origin: KR20000023427A] PURPOSE: A mold design for a hot-top continuous casting device is provided to suit to add a sound or a vibration of supersonic waves to the mold, and to have the reliability needed to cast in many numbers. CONSTITUTION: A mold is equipped a side projection(18) located a metal unit(1) under an upper part(19) and integrally produced with the metal unit(1). A cooling channel(20) is processed between the upper part(19) and the projection(18), and closed by a collar(21). The collar is fixed in the metal unit(1) with two welding points generated by an electronic line. One of the welding points(22) is made in the upper part(19) of the metal unit(1), that is on a point processed the channel(20). The other welding point(23) is made on the upper face of the projection(18). The welding points(22,23) are received lower thermal and mechanical tension than existing welding points. And closer welding point(22) in a metal of high temperature is reduced the enduring mechanical tension by separating from emitters(25,26) more or less.

IPC 1-7

B22D 11/04; B22D 11/16

IPC 8 full level

B22D 11/04 (2006.01); **B22D 11/043** (2006.01); **B22D 11/053** (2006.01)

CPC (source: EP KR)

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Cited by

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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