

Title (en)

Casting tube for metal and process for manufacturing such a tube

Title (de)

Giessrohr für Metall und Verfahren zu seiner Herstellung

Title (fr)

Busette de coulée de métal et procédés de fabrication de cette busette

Publication

**EP 0589762 B1 19990519 (FR)**

Application

**EP 93402277 A 19930917**

Priority

FR 9211218 A 19920921

Abstract (en)

[origin: EP0589762A1] Casting tube for metal, including a body (22) made from refractory material, in which a flow channel (24) for the molten metal is provided. The tube includes an annular chamber (32) provided in the body (22), arranged around the channel (24) in the vicinity of the periphery of this channel, extending virtually over the entire length of the channel, connected to means (34) for creating a reduced pressure (vacuum) with respect to the environment of the tube. The chamber (32) forms a screen to the migration of gaseous products, such as carbon monoxide, towards the channel. The tube may also include a sleeve (30) made from refractory material interposed between the periphery of the channel (24) and the chamber (32). The tube is used preferably for the continuous casting of steel. <IMAGE>

IPC 1-7

**B22D 41/50**; **B22D 41/52**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1716945A1; CN105499553A; CN109482825A; EP0826447A1; US5908577A; FR2754748A1; AU716522B2; US6165409A; CN1072539C; WO2006007672A3; WO2007085465A1; WO9817422A1

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