

Title (en)

ORIFICE FOR INJECTING A PROTECTING GAS INTO A CASTING TUBE

Publication

EP 0094926 B1 19860226 (FR)

Application

EP 83870047 A 19830511

Priority

BE 208080 A 19820513

Abstract (en)

[origin: US4519438A] A casting tube 8 of a refractory material comprises at its upper end a series of openings for the injection of a protective gas, for example argon, to create an atmosphere which protects the incoming molten metal against oxidation and cools the walls of the casting tube. The injection openings are grooves 11 formed in an upper frustoconical part of the casting tube, whose outer surface defines a fixing collar. These grooves are interconnected by an annular passage 12.

IPC 1-7

B22D 41/08; **B22D 11/10**

IPC 8 full level

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CPC (source: EP US)

B22D 41/58 (2013.01 - EP US); **C21C 7/072** (2013.01 - EP US); **F27D 3/14** (2013.01 - EP US); **F27D 3/16** (2013.01 - EP US)

Cited by

EP0582496A1; DE3624320A1; KR100728512B1; EP0373555A3; DE3634893C1; GB2179573A; DE3342071A1; GB2150059A; WO9526439A1

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