

Title (en)

EQUIPMENT FOR PROTECTING A LIQUID-METAL JET AGAINST OXIDATION AND/OR NITRIDING

Publication

EP 0213042 B1 19900919 (FR)

Application

EP 86401792 A 19860811

Priority

FR 8512378 A 19850814

Abstract (en)

[origin: ES2001086A6] Process for protecting against oxidation and/or nitridation of a liquid metal stream flowing from the outlet orifice of a ladle or a distribution vessel, comprising surrounding the pouring stream with a tube substantially throughout the height of the stream and injecting a protective gas at least around the pouring stream so as to minimize the contact of the molten metal with the ambient air and avoid the dilution of the protective gas and the aspiration of ambient air. A device for carrying out the process includes two complementary semi-shells for surrounding the pouring stream and a hinge articulating the semi-shells for opening and closing the latter.

IPC 1-7

B22D 11/10

IPC 8 full level

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CPC (source: EP KR US)

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