

Title (en)

PROCESS AND DEVICE FOR THE PROTECTION OF A CASTING STREAM OF LIQUID METAL

Publication

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Application

EP 83400493 A 19830311

Priority

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Abstract (en)

[origin: ES8404887A1] The invention relates to the protection of a casting jet of molten metal, flowing between an upper storage tank and a lower receiving vessel. At least one inert liquefied gas is injected above and close to the surface of the molten metal contained in the lower vessel, and, at the same time, at least one inert gas is injected into the molten metal through the base or the walls of the lower vessel. The process of this invention protects metal casting jets from oxidation, for example, jets between ladle and manifold, between ladle and ingot mold, between ladle and ladle, or between converter (or furnace) and ladle.

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IPC 8 full level

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