

Title (en)

METHOD AND DEVICE FOR THE LATE ADDITION OF A PARTICULATE ALLOY DURING CASTING OF LIQUID METAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SPÄTZUGABE TEILCHENFÖRMIGER LEGIERUNGEN BEIM GIESSEN VON METALLSCHMELZEN

Title (fr)

PROCEDE ET DISPOSITIF D'INTRODUCTION TARDIVE D'ALLIAGE PARTICULAIRE LORS DE LA COULEE D'UN METAL LIQUIDE

Publication

EP 0561805 B1 19960710 (FR)

Application

EP 91919560 A 19911016

Priority

FR 9100808 W 19911016

Abstract (en)

[origin: WO9308309A1] A device for the late addition of a particulate alloy during casting of liquid metal, located between a hot metal ladle or an automatic metal feeding device and a series of moulds to be filled, wherein the device comprises a sufficiently thick confined stream of liquid metal flowing through a mixing chamber such as a vortex, and a non-immersed means (8) for adding alloy particles with sufficient speed and power to drive them deep into the liquid metal in the sufficiently thick portion (4) thereof located close to a casting port (5).

IPC 1-7

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IPC 8 full level

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