Title (en)

Process for the degassing, refining or filtering treatment of liquid metals or alloys and related apparatus.

Title (de)

Verfahren zum Entgasen, Feinen oder Filtern von flüssigen Metallen und Legierungen, sowie die entsprechende Vorrichtung.

Title (fr)

Procédé et appareillage pour le dégazage, l'affinage ou la filtration de métaux ou d'alliages liquides.

Publication

EP 0249897 A1 19871223 (EN)

Application

EP 87108470 A 19870611

Priority

IT 2076286 A 19860611

Abstract (en)

A process for the degassing, refining or filtering treatment of liquid metals or alloys wherein the metallic liquid is treated with a solid treatment agent. The process comprises the steps consisting of providing the treatment agent in the form of solid granules (10) in a closed container (1) having two counterposed walls in the shape of perforated diaphragms (2a, 2b), with holes having such dimensions as to retain said granules, and having further lateral walls; interposing said container in the pouring channel, at the base thereof; and passing said metallic liquid through said container through said diaphragms to make contact with said treatment agent in said container. An apparatus for performing the process is also described.

IPC 1-7

C21C 1/10; B22D 1/00; B22C 9/08

IPC 8 full level

B22C 9/08 (2006.01); B22D 1/00 (2006.01); C21C 1/10 (2006.01)

CPC (source: EP)

B22C 9/086 (2013.01); B22D 1/007 (2013.01); C21C 1/10 (2013.01)

Citation (search report)
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Designated contracting state (EPC)

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