

Title (en)
PROCESS AND DEVICE FOR THE TREATMENT OF A LOW-PRESSURE CAST METAL, ESPECIALLY FOR THE INOCULATION OF THE MELT

Publication
EP 0127521 B1 19870812 (FR)

Application
EP 84401001 A 19840516

Priority
FR 8308942 A 19830530

Abstract (en)
[origin: ES8502891A1] Liquid metal M in a casting ladle 1 located under a mold A is cast uphill under low pressure into the mold cavity 10 through a vertical shaft 3. The metal is treated by a soluble inoculation wire 13 suspended down through the cavity over a length L greater than the height h of the mold with its lower part H submerged in the liquid metal filling the shaft. The ladle pressure is maintained until the wire is fully dissolved, and then raised to fill the mold cavity with the inoculated liquid metal.

IPC 1-7
B22D 18/04; **B22D 1/00**

IPC 8 full level
B22D 1/00 (2006.01); **B22D 18/04** (2006.01); **B22D 27/20** (2006.01)

CPC (source: EP KR US)
B22D 1/007 (2013.01 - EP US); **B22D 18/04** (2013.01 - EP US); **B22D 27/20** (2013.01 - KR)

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AT DE GB SE

DOCDB simple family (publication)
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