

Title (en)

PROCESS FOR TREATING LIQUID METALS BY A CALCIUM-CONTAINING CORED WIRE

Publication

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Application

**EP 86420021 A 19860122**

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Abstract (en)

[origin: EP0190089A1] The method comprises the formation of a liquid metal wherein is introduced a coated wire of which the core contains a material consisting of a calcium alloy, said alloy containing at least 75% by mass of calcium and a total contents of at least 5% by mass of NI + Al. Preferred composition: at least 80% of calcium and up to 20% of Ni and/or Al. The tests carried out by means of the device represented in figure 1 have shown that it is possible to effect the introduction of the coated wire (10) into the flowing steel (2) at a rate from 80 to 120g of Ca per ton of flowing steel and per minute without causing an excessive boil. The invention also relates to the coated wire.

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IPC 8 full level

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CPC (source: EP)

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