

Title (en)

MOLTEN STEEL TREATMENT APPARATUS AND METHOD

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BEHANDLUNG VON GESCHMOLZENEM STAHL

Title (fr)

APPAREIL ET PROCÉDÉ DE TRAITEMENT D'ACIER FONDU

Publication

EP 3372326 A1 20180912 (EN)

Application

EP 16862352 A 20161028

Priority

- KR 20150153386 A 20151102
- KR 2016012307 W 20161028

Abstract (en)

The present disclosure provides a molten steel treatment apparatus including a main body having an inner space, an open top and a bottom having a tap hole defined therein; a fixed dam extending in a width-direction of the main body and installed in contact with both the bottom and length-direction both side walls of the main body; a control dam extending in the width-direction of the main body; and a driving part for supporting the control dam in a movable and rotatable manner. The present disclosure provides a molten steel treatment method using the apparatus. In this way, in the initial stage, middle stage and late stage of the process, the level of the molten steel contained in the main body may be controlled based on each region.

IPC 8 full level

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CPC (source: EP)

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Cited by

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