

Title (en)

Method and device for treating a molten metal for producing metal castings

Title (de)

Verfahren und Vorrichtung zur Behandlung eines geschmolzenen Metalls zur Herstellung von Gussteilen

Title (fr)

Procédé et dispositif pour traiter un métal fondu pour produire des coulages de métal

Publication

EP 2100975 A1 20090916 (EN)

Application

EP 08101995 A 20080226

Priority

EP 08101995 A 20080226

Abstract (en)

The invention relates to a method for treating a molten metal suitable for producing a metal casting using an additive that is fed into the molten metal, wherein a stream of molten metal is introduced into a treatment chamber such that the introduced molten metal rotates in the treatment chamber, the molten metal being discharged from the lower end of the treatment chamber by gravity. According to the invention, the method is characterised in that the rotating molten metal in the treatment chamber forms an open vortex and in that the additive is fed into the molten metal by supplying granules or wire containing the additive into the centre of the open vortex. The invention also relates to device for implementing the method.

IPC 8 full level

C21C 7/00 (2006.01); **C21C 1/10** (2006.01); **C22B 9/10** (2006.01); **C22C 33/10** (2006.01)

CPC (source: EP)

C21C 1/08 (2013.01); **C21C 1/105** (2013.01); **C21C 7/0068** (2013.01); **C22B 9/103** (2013.01); **C22C 30/00** (2013.01); **C22C 38/002** (2013.01); **C22C 38/005** (2013.01); **C22C 38/02** (2013.01); **C22C 38/06** (2013.01); **C22C 38/60** (2013.01); **F27D 3/0024** (2013.01); **F27D 3/0025** (2013.01); **F27D 3/10** (2013.01); **F27D 3/14** (2013.01); **F27D 27/00** (2013.01); **C21C 7/0043** (2013.01); **C21C 7/0056** (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2100975 A1 20090916

DOCDB simple family (application)

EP 08101995 A 20080226