

Title (en)

METHOD FOR PRODUCING SPHEROIDAL GRAPHITE CAST IRON

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KUGELGRAPHIT-GUSSEISEN

Title (fr)

PROCEDE DE PRODUCTION DE FONTE A GRAPHITE SPHEROIDAL

Publication

**EP 1283913 B1 20060301 (DE)**

Application

**EP 01927562 A 20010516**

Priority

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Abstract (en)

[origin: WO0190425A1] The invention relates to a method for producing high-purity spheroidal graphite cast iron. The inventive method comprises at least the steps of pretreating the melt in a closed converter and adding an inoculant when casting it into the mold. The solubility of the substances formed during the pretreatment and during the addition of the inoculant can be adjusted. The nucleation in the melt and the solidification in the mold can be brought into conformity by coordinating the pretreatment and the addition of inoculant.

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