

Title (en)
PROCESS FOR THE PRODUCTION OF SPHEROIDAL GRAPHITE CAST IRON

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Application
EP 89420304 A 19890810

Priority
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Abstract (en)
[origin: EP0357521A1] The invention relates to a process for the production of cast iron containing spheroidal or vermicular graphite from a basic cast iron. It consists of a late treatment of the said basic cast iron by means of a single additive, acting as a nodulating and nucleating agent, which has the following composition, expressed in per cent by weight: Silicon 41 to 65 Magnesium 2 to 30 Bismuth 0.1 to 4 Rare earths 0.5 to 4 Ca, Ba, Sr < 4 (for each element) Aluminium < 1.5 Iron remainder The late treatment of the basic cast iron is performed either by introducing the divided additive into the nozzle for pouring the cast iron at the entry of the mould or by the so-called "in-mould" technique.

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C21C 1/10 (2013.01 - KR); **C21C 1/105** (2013.01 - EP); **C22C 35/00** (2013.01 - EP)

Cited by
FR2838134A1; FR2839082A1; FR2750142A1; CN102492888A; FR2697766A1; FR2855186A1; EP0410360A1; EP0816522A1; FR2750143A1; US5733502A; US7569092B2; US6177045B1; WO2004104252A1; WO03093514A3; WO9726376A1

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