

Title (en)
INOCULATION ALLOY AGAINST MICRO-SHRINKAGE CRACKING FOR TREATING CAST IRON CASTINGS

Title (de)
IMPFLEGIERUNG UM DAS MIKROLUNKERVERHALTEN BEI GUSSEISENSCHMELZEN ZU VERMEIDEN

Title (fr)
ALLIAGE INOCULANT ANTI MICRORETASSURE POUR TRAITEMENT DES FONTES DE MOULAGE

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Application
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Abstract (en)
[origin: WO03093514A2] The invention concerns inoculation alloys for treating cast iron castings containing (in wt. %) 0.005 % to 3 % of an element of the group consisting of bismuth, lead and antimony, 0.3 to 10 % of metals of rare-earth group and optionally aluminium up to 5 % and calcium up to 1.5 %, the rest being ferro-silicon, lanthanum constituting more than 90 % of the rare-earth metals contained in the composition. The inventive alloys enable efficient inoculation of cast iron and avoid occurrence of micro-shrinkage cracking in the cast parts.

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IPC 8 full level
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See references of WO 03093514A2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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