

Title (en)

COATING COMPOUNDS FOR CASTING MOULDS AND CORES THAT PREVENT REACTION GAS DEFECTS

Title (de)

BESCHICHTUNGSMASSEN FÜR GIESSFORMEN UND KERNE ZUR VERMEIDUNG VON REAKTIONSGASFEHLERN

Title (fr)

MATIÈRES DE REVÊTEMENT POUR MOULES ET NOYAUX PERMETTANT D'ÉVITER DES ERREURS DE GAZ DE RÉACTION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008135247A1] The invention relates to a wash, at least comprising: a carrier liquid; at least one pulverulent refractory material; and at least one reductant. If a casting mould is coated with said wash, reductive conditions are created by the reductant on the boundary surface between the casting mould and the molten metal, thus suppressing gas formation and leading to a lower degree of gas entrapment in the metal. A lustrous carbon former is preferably used as the reductant.

IPC 8 full level

B22C 3/00 (2006.01)

CPC (source: EP KR US)

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Citation (examination)

ANONYM: "Kauri-Butanol-Zahl", May 2004 (2004-05-01), Retrieved from the Internet <URL:www.roempp.com/prod/roempp.php> [retrieved on 20110823]

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