

Title (en)

USE OF POORLY SOLUBLE SALTS IN COMBINATION WITH LIQUID GLASS FOR PRODUCING MOULDS AND CORES USED IN CASTING METHODS

Title (de)

VERWENDUNG VON SCHWERLÖSLICHEN SALZEN IN KOMBINATION MIT WASSERGLAS IM RAHMEN DER HERSTELLUNG VON FORMEN UND KERNEN FÜR DIE GIESSEREITECHNIK

Title (fr)

UTILISATION DE SELS PEU SOLUBLES COMBINÉS À DU VERRE SOLUBLE POUR FABRIQUER DES MOULES ET DES NOYAUX POUR DES APPLICATIONS EN Fonderie

Publication

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Application

EP 05809208 A 20051125

Priority

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Abstract (en)

[origin: WO2006058664A2] The invention relates to the use of liquid glass and/or one or more precursors of the latter during the production of moulds and/or cores used for casting purposes. According to said method, liquid glass, acting as component (1) and/or one or more precursors of the latter and one or more poorly soluble metallic salts, acting as component (2) and/or mixtures of components (1) and (2) are blended with particulate materials that act as component (3) and do not melt during the casting process, in order to produce moulds that can be removed after the casting process and/or cores for casting purposes. The invention also relates to a method for producing corresponding moulds and/or cores, to corresponding moulds and cores, in addition to other inventive embodiments that are covered by the description.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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