

Title (en)

SALT-BASED CORES, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF

Title (de)

KERNE AUF DER BASIS VON SALZ, VERFAHREN ZU IHRER HERSTELLUNG UND DEREN VERWENDUNG

Title (fr)

NOYAUX À BASE DE SEL, PROCÉDÉ DE FABRICATION DE CES NOYAUX ET LEUR UTILISATION

Publication

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Application

EP 13728105 A 20130410

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Abstract (en)

[origin: WO2013152851A2] Cores that are inserted into the mould during the die casting of workpieces from metal in order to keep the cavities provided in the workpieces free during the filling of the moulds with the melt have to meet demanding requirements with regard to their dimensional stability and suitability for removal from the cavities. Therefore, salt-based cores which can be produced by moulding and compressing a core material mixture are provided according to the invention, the core materials thereof being selected from at least one salt, at least one binder system comprising a combination of binder/binding agent and possibly auxiliary substances such as additives, fillers, wetting agents and catalysts, wherein the salt, the binder system and the possibly used auxiliary substances of the core material mixture are inorganic and these core materials are soluble with water as the solvent.

IPC 8 full level

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Citation (search report)

See references of WO 2013152851A2

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