

Title (en)
SALT-BASED CORES AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
KERNE AUF DER BASIS VON SALZ UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
NOYAUX À BASE DE SEL ET PROCÉDÉ DE FABRICATION DESDITS NOYAUX

Publication
EP 2307158 A2 20110413 (DE)

Application
EP 09780844 A 20090720

Priority
• EP 2009059317 W 20090720
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Abstract (en)
[origin: WO2010007180A2] Cores that are inserted into the die when diecasting workpieces from metal, in order to maintain the cavities that are intended in the workpieces when the moulds are filled with the molten metal, have to meet high requirements with regard to their dimensional stability and the ease with which they can be removed from the cavities. It is therefore proposed according to the invention that the core material is completely soluble in water and can be removed from the workpieces by water without leaving any residue and that the cores made from salts in a non-liquid form and the additional materials can be produced by the core shooting process using pressures, adjusted appropriately for the composition of the core material to act on the respective material with which said cores are surrounded.

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B22C 9/10 (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2010007180A2

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