

Title (en)

METHOD FOR PRODUCING SALT CORE FOR CASTING AND SALT CORE FOR CASTING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SALZKERNS ZUM GIESSEN UND SALZKERN ZUM GIESSEN

Title (fr)

NOYAU DE SEL POUR COULAGE ET SON PROCÉDÉ DE PRODUCTION

Publication

EP 2022577 A1 20090211 (EN)

Application

EP 07743674 A 20070518

Priority

- JP 2007060239 W 20070518
- JP 2006138879 A 20060518

Abstract (en)

When forming an expendable salt core (2) by die casting, first, a salt mixture containing at least a potassium salt and a sodium salt is melted by heating to obtain a melt. Subsequently, the temperature of the melt is decreased to set the melt in a semi-solidified (solid-liquid coexisting) state. The melt in the semi-solidified state is injected into a metal mold for an expendable salt core under a high pressure and solidified. After solidification, the obtained expendable salt core is taken out of the metal mold.

IPC 8 full level

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CPC (source: EP US)

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Cited by

US8574476B2; EP2586546A1; DE102012022390B3; US2011062624A1; WO2013064304A1

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Designated extension state (EPC)

AL BA HR MK RS

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