

Title (en)
SALT CORE FOR CASTING

Title (de)
SALZKERN ZUM GIESSEN

Title (fr)
NOYAU DE SEL POUR COULAGE

Publication
EP 2022578 A1 20090211 (EN)

Application
EP 07743803 A 20070521

Priority
• JP 2007060369 W 20070521
• JP 2006140063 A 20060519

Abstract (en)
An expendable salt core (2) is formed into the shape of a water jacket (6) by, e.g., die casting using a salt of bromine and at least one of sodium and potassium, and a salt of carbonic acid and at least one of sodium and potassium. The expendable salt core (2) is formed to contain at least one of potassium and sodium as a cation, and bromine and carbonic acid as anions. For example, the expendable salt core (2) is formed by casting using a melt obtained by melting a salt mixture of sodium bromide and sodium carbonate.

IPC 8 full level
B22C 1/00 (2006.01); **B22C 9/10** (2006.01)

CPC (source: EP US)
B22C 9/105 (2013.01 - EP US)

Cited by
DE102012022390B3; EP2586546A1; CN103801671A; WO2013064304A1; WO2014108419A1

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AL BA HR MK RS

DOCDB simple family (publication)
EP 2022578 A1 20090211; EP 2022578 A4 20130828; JP 4685934 B2 20110518; JP WO2007136032 A1 20091001; US 2009288797 A1 20091126; WO 2007136032 A1 20071129

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EP 07743803 A 20070521; JP 2007060369 W 20070521; JP 2008516682 A 20070521; US 30107807 A 20070521