

Title (en)  
SALT CORE FOR CASTING

Title (de)  
SALZKERN ZUM GIESSEN

Title (fr)  
NOYAU DE SEL POUR COULAGE

Publication  
**EP 2022578 A4 20130828 (EN)**

Application  
**EP 07743803 A 20070521**

Priority  
• JP 2007060369 W 20070521  
• JP 2006140063 A 20060519

Abstract (en)  
[origin: EP2022578A1] 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 9/10** (2006.01); **B22C 1/00** (2006.01)

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

Citation (search report)  
• [X] WO 2005028142 A1 20050331 - YAKAWA JUN [JP], et al  
• [A] US 3501320 A 19700317 - PIETRYKA ROBERT J, et al  
• [A] JP S5314618 A 19780209 - HITACHI LTD  
• See references of WO 2007136032A1

Cited by  
EP2586546A1; CN103801671A; DE102012022390B3; WO2013064304A1; WO2014108419A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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

DOCDB simple family (application)  
**EP 07743803 A 20070521**; JP 2007060369 W 20070521; JP 2008516682 A 20070521; US 30107807 A 20070521