

Title (en)
CORE FOR USE IN CASTING

Title (de)
KERN ZUR VERWENDUNG BEIM GIESSEN

Title (fr)
POIN ON DE COULAGE

Publication
EP 1674173 A4 20061220 (EN)

Application
EP 04773288 A 20040917

Priority
• JP 2004013669 W 20040917
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Abstract (en)
[origin: EP1674173A1] A salt core (2) is formed by casting a mixed material of a salt material and a ceramic material. Any one of a chloride, bromide, carbonate, and sulfate of potassium or sodium is used as the salt material. As the ceramic material, granular one having a density falling within a range of 2.2 g/cm³ (exclusive) to 4 g/cm³ (inclusive) is used.

IPC 8 full level
B22C 1/00 (2006.01); **B22C 1/18** (2006.01); **B22C 9/10** (2006.01)

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

Citation (search report)
• [X] GB 1179241 A 19700128 - UNILEVER LTD [GB]
• [X] US 4629708 A 19861216 - ALEXANDER KEVIN [GB], et al
• [X] GB 1111225 A 19680424 - WELLWORTHY LTD
• [X] GB 1325737 A 19730808 - TOYOTA MOTOR CO LTD
• [X] US 3459253 A 19690805 - WOOLCOTT ARTHUR JOHN
• [X] WO 0102112 A1 20010111 - TECHNOLOGY UNION CO LTD [KR], et al
• [X] US 4667727 A 19870526 - BARLOW JOHN [GB], et al
• See references of WO 2005028142A1

Cited by
CN110253002A; RU2731996C1; US11002217B2; EP3338910A1; US10486224B2

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

DOCDB simple family (publication)
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