

Title (en)

WATER-SOLUBLE SALT CORES FOR DIE CASTING

Title (de)

WASSERLÖSLICHE SALZKERNE FÜR DEN DRUCKGUSS

Title (fr)

NOYAUX DE SEL SOLUBLES DANS L'EAU POUR COULEE SOUS PRESSION

Publication

EP 1715970 A2 20061102 (DE)

Application

EP 05714987 A 20050217

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- DE 102004038288 A 20040806

Abstract (en)

[origin: WO2005080022A2] The invention relates to water-soluble salt cores for die casting, said salt cores being produced by compressing, and then sintering, a mixture of water-soluble salts. According to the invention, there are between 4 and 5 parts by weight of borax, between 2 and 3 parts by weight of magnesium, and between 0.5 and 2 parts by weight of graphite or talc, in the mixture, for 100 parts by weight of salt. The compression is carried out under a pressure of between 300 and 900 N/mm<2>.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2005080022A2

Citation (examination)

- GB 1274966 A 19720517 - SCHMIDT GMBH KARL [DE]
- DE 1483641 A1 19690227 - SCHMIDT GMBH KARL

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