Title (en)

ALKALINE RESOL BINDERS HAVING IMPROVED FLOWABILITY

Title (de)

ALKALISCHE RESOLBINDER MIT VERBESSERTER FLIESSFÄHIGKEIT

Title (fr)

LIANT RÉSOL ALCALIN À FLUIDITÉ AMÉLIORÉE

Publication

EP 3551360 B1 20201125 (DE)

Application

EP 17811304 A 20171207

Priority

- DE 102016123661 A 20161207
- EP 2017081934 W 20171207

Abstract (en)

[origin: WO2018104493A1] The invention relates to molding material mixtures for producing molds, risers or cores for metal casting, comprising at least one refractory basic molding material, a binder on the basis of an alkaline resol resin and at least one sugar surfactant. The invention also relates to a method for producing molds and cores using the molding material mixtures and to molds, risers or cores produced according to said method.

IPC 8 full level

B22C 1/10 (2006.01); **B22C 1/16** (2006.01); **B22C 1/22** (2006.01)

CPC (source: EP)

B22C 1/10 (2013.01); **B22C 1/162** (2013.01); **B22C 1/2253** (2013.01)

Citation (examination)

- DE 102007051850 A1 20090507 - ASHLAND SUEDCHEMIE KERNFEST [DE]
- - -: "Product Datasheet Glucopon 225 DK", 1 January 2018 (2018-01-01), pages 1 - 2, XP055522283, Retrieved from the Internet <URL:https://e-applications.basf-ag.de/data/basf-pcan/pds2/pds2-web.nsf/892292F8084F5B17C125765700419640/$File/GLUCOPON_r__225_DK_E.pdf> [retrieved on 20181108]
- PATRICK BILLIAN ET AL: "Isolation of n -Decyl-[alpha](1->6) Isomaltoside from a Technical APG Mixture and Its Identification by the Parallel Use of LC-MS and NMR Spectroscopy", ANALYTICAL CHEMISTRY, vol. 72, no. 20, 13 September 2000 (2000-09-13), US, pages 4973 - 4978, XP055522388, ISSN: 0003-2700, DOI: 10.1021/ac0004005

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102016123661 A1 20180607; EP 3551360 A1 20191016; EP 3551360 B1 20201125; WO 2018104493 A1 20180614

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