

Title (en)

COATING COMPOSITIONS FOR INORGANIC CASTING MOULDS AND CORES AND USE THEREOF AND METHOD FOR SIZING

Title (de)

BESCHICHTUNGSMASSEN FÜR ANORGANISCHE GIESSFORMEN UND KERNE UND DEREN VERWENDUNG UND VERFAHREN ZUM SCHLICHTEN

Title (fr)

MATIÈRES DE REVÊTEMENT POUR MOULES ET NOYAUX INORGANIQUES ET LEUR UTILISATION, ET PROCÉDÉ D'ENDUISAGE

Publication

EP 2760607 B1 20151230 (DE)

Application

EP 12773196 A 20121001

Priority

- DE 102011114626 A 20110930
- DE 2012000952 W 20121001

Abstract (en)

[origin: WO2013044904A1] The invention relates to coating compositions, comprising specific clays, an aqueous carrier fluid and refractory materials in powder form, and to the use thereof for casting moulds and cores, in particular those that are produced using water glass as a binder. The invention further relates to a method for producing the sizing agents and for applying same to inorganically bound casting moulds and cores.

IPC 8 full level

B22C 3/00 (2006.01)

CPC (source: EP US)

B22C 1/188 (2013.01 - EP US); **B22C 3/00** (2013.01 - EP US); **B22C 9/02** (2013.01 - EP US); **B22C 9/18** (2013.01 - EP US)

Cited by

CN105537508A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013044904 A1 20130404; BR 112014007623 A2 20170418; CN 103826775 A 20140528; DE 102011114626 A1 20130404;
EP 2760607 A1 20140806; EP 2760607 B1 20151230; IN 901KON2014 A 20151009; JP 2014527915 A 20141023; KR 20140071439 A 20140611;
MX 2014003804 A 20140722; RU 2014117287 A 20151110; US 2014255601 A1 20140911; ZA 201401614 B 20150128

DOCDB simple family (application)

DE 2012000952 W 20121001; BR 112014007623 A 20121001; CN 201280047222 A 20121001; DE 102011114626 A 20110930;
EP 12773196 A 20121001; IN 901KON2014 A 20140424; JP 2014532247 A 20121001; KR 20147010340 A 20121001;
MX 2014003804 A 20121001; RU 2014117287 A 20121001; US 201214348232 A 20121001; ZA 201401614 A 20140304