

Title (en)  
METHOD FOR PREPARING A SUSPENSION

Title (de)  
VERFAHREN ZUR AUFBEREITUNG EINER SUSPENSION

Title (fr)  
PROCÉDÉ POUR PRÉPARER UNE SUSPENSION

Publication  
**EP 2451610 A1 20120516 (DE)**

Application  
**EP 10732680 A 20100630**

Priority  
• EP 2010059259 W 20100630  
• DE 102009032425 A 20090709  
• DE 102009034949 A 20090728

Abstract (en)  
[origin: CA2767415A1] The invention relates to a method for preparing a suspension from a separation process, wherein the suspension is made of a particulate abrasive and a liquid slurring agent. The method comprises the steps: a) thinning the suspension in a tank (1) with an additional slurring agent (PEG) without adding additional water, producing a constant volume ratio between the particulate abrasive and the liquid slurring agent; b) separating the thinned suspension into a liquid and a solid fraction in a centrifugal separator (2), and c) subsequent refinement or reuse of the separated liquid and solid fractions.

IPC 8 full level  
**B23Q 11/10** (2006.01); **B01D 21/26** (2006.01); **B24B 57/00** (2006.01); **B28D 5/00** (2006.01); **C10M 175/00** (2006.01)

CPC (source: EP KR US)  
**B01D 21/0012** (2013.01 - EP US); **B01D 21/26** (2013.01 - EP US); **B23Q 11/0057** (2013.01 - EP US); **B23Q 11/10** (2013.01 - KR); **B23Q 11/1069** (2013.01 - EP US); **B24B 55/12** (2013.01 - EP US); **B24B 57/00** (2013.01 - EP KR US); **B28D 5/00** (2013.01 - KR); **B28D 5/007** (2013.01 - EP US); **C10M 175/00** (2013.01 - KR); **C10M 175/0033** (2013.01 - EP US); **C10M 175/0058** (2013.01 - EP US); **B01D 21/262** (2013.01 - EP US); **B01D 2221/14** (2013.01 - EP US); **C10N 2040/22** (2013.01 - EP US); **Y02P 70/10** (2015.11 - EP US)

Citation (search report)  
See references of WO 2011003782A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102009034949 A1 20110113**; CA 2767415 A1 20110113; CN 102470501 A 20120523; EP 2451610 A1 20120516; IN 1122DEN2012 A 20150410; JP 2012532762 A 20121220; KR 20120083277 A 20120725; RU 2012104794 A 20130820; SG 176990 A1 20120130; US 2012110789 A1 20120510; WO 2011003782 A1 20110113

DOCDB simple family (application)  
**DE 102009034949 A 20090728**; CA 2767415 A 20100630; CN 201080030899 A 20100630; EP 10732680 A 20100630; EP 2010059259 W 20100630; IN 1122DEN2012 A 20120207; JP 2012518894 A 20100630; KR 20127003352 A 20100630; RU 2012104794 A 20100630; SG 2011096518 A 20100630; US 201013382799 A 20100630