

Title (en)  
LOW SHRINKAGE BINDER SYSTEM

Title (de)  
SCHWUNDARMES BINDEMITTELSYSTEM

Title (fr)  
SYSTÈME DE LIANT À FAIBLE RETRAIT

Publication  
**EP 2421806 A1 20120229 (DE)**

Application  
**EP 10711401 A 20100330**

Priority  

- EP 2010054158 W 20100330
- EP 09158500 A 20090422
- EP 10711401 A 20100330

Abstract (en)  
[origin: WO2010121886A1] The invention relates to mixtures, containing aluminosilicate binders which can be activated by alkali, characterized in that the mixture contains vegetable oils and/or fats, to the use of the vegetable oils and/or fats for reducing shrinkage and for hydrophobization in aluminosilicate binders which can be activated by alkali. The invention also relates to grout, fillers or coatings containing the mixtures of the present invention.

IPC 8 full level  
**C04B 28/00** (2006.01)

CPC (source: EP US)  
**C04B 28/006** (2013.01 - EP US); **C04B 2111/00672** (2013.01 - EP US); **C04B 2111/1037** (2013.01 - EP US); **C04B 2111/27** (2013.01 - EP US); **C04B 2111/34** (2013.01 - EP US); **Y02P 40/10** (2015.11 - EP US); **Y02W 30/91** (2015.05 - EP US)

Citation (search report)  
See references of WO 2010121886A1

Citation (examination)  
CN 1105959 A 19950802 - FENG ZHENG YANG [CN]

Citation (third parties)  
Third party :

- CN 1105959 A 19950802 - FENG ZHENG YANG [CN]
- ZHANG CHANGSEN ET AL: "MECHANICAL PROPERTIES AND MICROSTRUCTURES OF ALKALI ACTIVATED BURNED COAL GANGLUE CEMENTITIOUS MATERIAL", JOURNAL OF THE CHINESE CERAMIC SOCIETY, October 2010 (2010-10-01), pages 1, XP003035487, Retrieved from the Internet <URL:HTTPS://EN.CNKI.COM.CN/ARTICLE\_EN/CJFTOTAL-GXYB200410018.HTM>

Designated contracting state (EPC)  
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)  
**WO 2010121886 A1 20101028**; AU 2010241142 A1 20111110; AU 2010241142 B2 20140206; BR PI1016178 A2 20160419;  
CA 2759454 A1 20101028; CN 102414143 A 20120411; EP 2421806 A1 20120229; MX 2011011166 A 20111107; RU 2011147101 A 20130527;  
US 2012048147 A1 20120301

DOCDB simple family (application)  
**EP 2010054158 W 20100330**; AU 2010241142 A 20100330; BR PI1016178 A 20100330; CA 2759454 A 20100330;  
CN 201080018254 A 20100330; EP 10711401 A 20100330; MX 2011011166 A 20100330; RU 2011147101 A 20100330;  
US 201013265255 A 20100330