

Title (en)
SUSPENSIONS

Title (de)
SUSPENSIONEN

Title (fr)
SUSPENSIONS

Publication
EP 1546060 A2 20050629 (DE)

Application
EP 03792403 A 20030821

Priority
• DE 10238789 A 20020823
• EP 0309256 W 20030821

Abstract (en)
[origin: WO2004018380A2] The invention relates to suspensions, to the production of said suspensions, and to the use thereof for accelerating the setting and hardening of cement and mixtures containing the same. According to the invention, said suspensions consist of aluminium sulphate in a quantity of more than 8 wt. % as Al₂O₃, preferably between 10 and 12 wt. %, and of suspended bentonite in a quantity of between 1 and 7 wt. %. Said suspensions can especially be used as economical and ecological alternatives in the field of wet spraying. The inventive suspensions are free of COD and alkali.

IPC 1-7
C04B 22/02

IPC 8 full level
C04B 22/14 (2006.01); **C04B 40/00** (2006.01)

CPC (source: EP US)
C04B 22/148 (2013.01 - EP US); **C04B 40/0039** (2013.01 - EP US); **C04B 2111/00172** (2013.01 - EP US); **C04B 2111/1006** (2013.01 - EP US); **C04B 2111/1025** (2013.01 - EP US)

Citation (search report)
See references of WO 2004018380A2

Citation (third parties)
Third party :
• EP 1167317 A1 20020102 - SIKA AG [CH]
• EP 0858981 A1 19980819 - SIKA AG [CH]

Cited by
EP2248780A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 10238789 A1 20040304; **DE 10238789 B4 20060105**; AU 2003264081 A1 20040311; AU 2003264081 A8 20040311; EP 1546060 A2 20050629; US 2006249055 A1 20061109; US 7470317 B2 20081230; WO 2004018380 A2 20040304; WO 2004018380 A3 20040521

DOCDB simple family (application)
DE 10238789 A 20020823; AU 2003264081 A 20030821; EP 0309256 W 20030821; EP 03792403 A 20030821; US 52879803 A 20030821