

Title (en)
DEAGGLOMERATED BARIUM SULFATE

Title (de)
DESAGGLOMERIERTES BARIUMSULFAT

Title (fr)
SULFATE DE BARYUM DESAGGLOMERE

Publication
EP 1692078 A1 20060823 (DE)

Application
EP 04803384 A 20041201

Priority
• EP 2004013612 W 20041201
• DE 10357116 A 20031206

Abstract (en)
[origin: WO2005054133A1] The invention relates to deagglomerated barium sulfate that has a primary particle size of less than 0.5 μm and that is coated with a dispersant. The dispersant preferably has reactive groups that can interact with the surface of the barium sulfate. Particularly preferred are dispersants that provide the barium sulfate with a hydrophilic surface and that have reactive groups for coupling to or into polymers. The invention also relates to a synthetic premix comprising the deagglomerated, coated barium sulfate.

IPC 8 full level
C01F 11/46 (2006.01); **C08K 3/30** (2006.01); **C08K 9/04** (2006.01); **C08K 9/08** (2006.01); **C09C 1/02** (2006.01)

CPC (source: EP KR US)
C01F 11/46 (2013.01 - KR); **C01F 11/462** (2013.01 - EP US); **C09C 1/027** (2013.01 - EP US); **C01P 2004/62** (2013.01 - EP US); **C01P 2006/12** (2013.01 - EP US); **C01P 2006/22** (2013.01 - EP US)

Citation (search report)
See references of WO 2005054133A1

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

DOCDB simple family (publication)
WO 2005054133 A1 20050616; BR PI0417321 A 20070327; CN 1890179 A 20070103; DE 10357116 A1 20050707; EP 1692078 A1 20060823; JP 2007513045 A 20070524; KR 20060103948 A 20061004; RU 2006124195 A 20080120; US 2007140938 A1 20070621; US 7846409 B2 20101207

DOCDB simple family (application)
EP 2004013612 W 20041201; BR PI0417321 A 20041201; CN 200480036290 A 20041201; DE 10357116 A 20031206; EP 04803384 A 20041201; JP 2006541874 A 20041201; KR 20067013520 A 20060705; RU 2006124195 A 20041201; US 58168504 A 20041201