Title (en)

MINERAL MATERIALS CONTAINING CARBONATE WITH REDUCED EMISSION OF COMBUSTIBLE FOSSIL CARBONACEOUS GAS ON DECOMPOSITION THEREOF AND METHOD FOR PRODUCTION AND USE THEREOF

Title (de)

CARBONATHALTIGE MINERALISCHE MATERIALIEN MIT VERRINGERTER EMISSION VON BRENNBAREM FOSSILEN KOHLENSTOFFHALTIGEN GAS BEI IHRER ZERSETZUNG UND VERFAHREN ZUR DEREN HERSTELLUNG UND VERWENDUNG

Title (fr)

MATIERES MINERALES CONTENANT DU CARBONATE A EMISSION EN GAZ CARBONIQUE COMBUSTIBLE FOSSILE REDUITE LORS DE LEURS DECOMPOSITIONS AINSI QUE LEUR PROCEDE DE SYNTHESE ET LEURS UTILISATIONS

Publication

EP 1888458 A1 20080220 (FR)

Application

EP 06744734 A 20060511

Priority

- IB 2006001321 W 20060511
- FR 0505053 A 20050520
- FR 0511921 A 20051125

Abstract (en)

[origin: WO2006123235A1] The invention relates to a novel synthetic mineral material containing carbonate the decomposition of which reduces the level of emission of combustible fossil carbonaceous fuel. The invention further relates to batch, batch/continuous or continuous production thereof, and the uses thereof in pharmaceuticals, animal or human foodstuffs, or the paper industry, in particular for the production of paper, bulking, coating or any other paper surface treatment and aqueous or non-aqueous paints, plastic materials such as breathable polyethylene films or printing inks. [origin: WO2006123235A1] Synthetic mineral material contains carbonate having characteristic carbon nuclear transformation rate for carbon-14 in to carbon-12 of 450 transformations per hour and gram, preferably 850-890 transformations per hour and gram. An independent claim is included for the preparation of the synthetic mineral material.

IPC 8 full level

C01B 32/60 (2017.01); **A23L 29/00** (2016.01); **A61K 33/10** (2006.01); **C01F 11/18** (2006.01); **C08K 3/26** (2006.01); **C09D 7/61** (2018.01); **C09D 11/00** (2006.01); **D21H 19/38** (2006.01)

CPC (source: EP KR US)

A23L 29/035 (2016.07 - EP US); **A61K 33/10** (2013.01 - EP US); **A61K 33/44** (2013.01 - EP US); **C01B 32/60** (2017.07 - EP KR US); **C01F 11/18** (2013.01 - KR); **C01F 11/181** (2013.01 - EP US); **C01F 11/187** (2013.01 - EP US); **C09C 1/021** (2013.01 - EP US); **C09D 5/028** (2013.01 - EP US); **C09D 7/40** (2017.12 - KR); **C09D 7/61** (2017.12 - EP US); **C09D 11/037** (2013.01 - EP US); **C09D 11/322** (2013.01 - EP US); **D21H 19/385** (2013.01 - EP US); C01P 2002/30 (2013.01 - EP US); C01P 2004/03 (2013.01 - EP US); C01P 2004/30 (2013.01 - EP US); C01P 2004/51 (2013.01 - EP US); C01P 2004/61 (2013.01 - EP US); C01P 2004/62 (2013.01 - EP US); C01P 2006/12 (2013.01 - EP US); C01P 2006/60 (2013.01 - EP US); C01P 2006/88 (2013.01 - EP US); C08K 3/26 (2013.01 - EP US); Y02E 50/10 (2013.01 - EP US); Y02E 50/30 (2013.01 - EP US)

Citation (search report)

See references of WO 2006123235A1

Citation (examination)

DATABASE WPI Week 199810, Derwent World Patents Index; AN 1998-101528

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

WO 2006123235 A1 20061123; **WO 2006123235 B1 20070315**; AR 055955 A1 20070912; AU 2006248714 A1 20061123; BR PI0610346 A2 20121002; CA 2607053 A1 20061123; EP 1888458 A1 20080220; FR 2885900 A1 20061124; FR 2885900 B1 20090213; IL 187232 A0 20080209; JP 2008540323 A 20081120; KR 101278819 B1 20130625; KR 20080021662 A 20080307; MX 2007014303 A 20080208; MY 142008 A 20100816; NO 20076393 L 20080211; RU 2007147468 A 20090627; RU 2407702 C2 20101227; TW 200706491 A 20070216; US 2009211493 A1 20090827; US 2012073473 A1 20120329; UY 29541 A1 20061229

DOCDB simple family (application)

IB 2006001321 W 20060511; AR P060102016 A 20060518; AU 2006248714 A 20060511; BR PI0610346 A 20060511; CA 2607053 A 20060511; EP 06744734 A 20060511; FR 0511921 A 20051125; IL 18723207 A 20071108; JP 2008511814 A 20060511; KR 20077029178 A 20060511; MX 2007014303 A 20060511; MY PI20062267 A 20060517; NO 20076393 A 20071211; RU 2007147468 A 20060511; TW 95117255 A 20060516; US 201113200685 A 20110928; US 92052506 A 20060511; UY 29541 A 20060518