

Title (en)

REDUCING HYGROSCOPICITY OF A MINERAL MATERIAL

Title (de)

VERMINDERUNG DER HYGROSkopizität EINES MINERALISCHEN MATERIALS

Title (fr)

RÉDUCTION DE L'HYGROSCOPICITÉ D'UN MATÉRIAUX MINÉRAL

Publication

EP 3931268 A1 20220105 (FR)

Application

EP 20721671 A 20200224

Priority

- FR 1901932 A 20190226
- FR 2020000041 W 20200224

Abstract (en)

[origin: WO2020174132A1] The invention pertains to the field of materials based on calcium carbonate and in particular to the use thereof as a filler in polymeric plastics. The invention provides a method for reducing the hygroscopicity of a material (M) comprising calcium carbonate by treatment with at least one homopolymer grinding assistant (P) which is neutralized in a particular way. The invention pertains also to a method for producing said material (M), which is then of reduced hygroscopicity.

IPC 8 full level

C09C 1/02 (2006.01)

CPC (source: EP KR US)

C09C 1/021 (2013.01 - EP KR US); **C09C 3/00** (2013.01 - KR); **C09C 3/006** (2013.01 - US); **C09C 3/041** (2013.01 - US);
C09C 3/043 (2013.01 - US); **C09C 3/08** (2013.01 - US); **C09C 3/10** (2013.01 - US); **C01P 2004/51** (2013.01 - EP KR);
C01P 2004/61 (2013.01 - EP KR US); **C01P 2004/62** (2013.01 - US); **C01P 2006/12** (2013.01 - EP KR US); **C01P 2006/82** (2013.01 - EP KR)

Citation (search report)

See references of WO 2020174132A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020174132 A1 20200903; CA 3129090 A1 20200903; CN 113412309 A 20210917; EP 3931268 A1 20220105; FR 3093012 A1 20200828;
FR 3093012 B1 20210122; KR 20210132147 A 20211103; MX 2021008638 A 20210811; US 2022081569 A1 20220317

DOCDB simple family (application)

FR 2020000041 W 20200224; CA 3129090 A 20200224; CN 202080013294 A 20200224; EP 20721671 A 20200224; FR 1901932 A 20190226;
KR 20217030755 A 20200224; MX 2021008638 A 20200224; US 202017424700 A 20200224