

Title (en)

METHOD FOR THE SYNTHESIS OF A MINERAL OXIDE USING AN ORGANIC ACID INSOLUBLE IN WATER

Title (de)

VERFAHREN ZUR SYNTHESE EINES MINERALOXIDS UNTER VERWENDUNG EINER ORGANISCHEN, IN WASSER UNLÖSLICHEN SÄURE

Title (fr)

PROCEDE DE SYNTHESE D'UN OXYDE MINERAL AU MOYEN D'UN ACIDE ORGANIQUE INSOLUBLE DANS L'EAU

Publication

EP 3442905 A1 20190220 (FR)

Application

EP 17735614 A 20170414

Priority

- FR 1670174 A 20160414
- FR 1601440 A 20161003
- FR 1670598 A 20161011
- FR 1670704 A 20161124
- FR 2017000073 W 20170414

Abstract (en)

[origin: WO2017178716A1] The invention relates to a method for the synthesis of precipitated silica from an aqueous solution comprising a silicate ion and an alkaline cation, said method being characterized in that the silicate ion is precipitated by a low-volatility organic acid having more than four carbon atoms.

IPC 8 full level

C01B 33/193 (2006.01); **B01J 13/00** (2006.01); **C01B 33/18** (2006.01); **C09C 1/30** (2006.01)

CPC (source: EP)

B01J 13/0008 (2013.01); **B01J 13/0017** (2013.01); **B01J 13/0047** (2013.01); **B01J 13/0052** (2013.01); **C01B 33/18** (2013.01); **C01B 33/193** (2013.01); **C09C 1/3063** (2013.01); **C01P 2006/12** (2013.01)

Citation (search report)

See references of WO 2017178716A1

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 2017178716 A1 20171019; CN 109415215 A 20190301; EP 3442905 A1 20190220

DOCDB simple family (application)

FR 2017000073 W 20170414; CN 201780037123 A 20170414; EP 17735614 A 20170414