

Title (en)

CYCLIC PROCESS FOR THE PRODUCTION OF BARIUM SULFATE AND LITHIUM METAL PHOSPHATE COMPOUNDS

Title (de)

KREISPROZESS ZUR HERSTELLUNG VON BARIUMSULFAT UND LITHIUMMETALLPHOSPHATVERBINDUNGEN

Title (fr)

PROCESSUS CYCLIQUE POUR LA FABRICATION DE SULFATE DE BARYUM ET DE COMPOSÉS DE PHOSPHATE DE MÉTAL DE LITHIUM

Publication

EP 2173661 A2 20100414 (DE)

Application

EP 08773988 A 20080714

Priority

- EP 2008005738 W 20080714
- DE 102007033460 A 20070718

Abstract (en)

[origin: CA2693607A1] The invention relates to a process for producing barium sulfate. In said process, (i) an aqueous solution containing lithium ions and sulfate ions is provided, and (ii) solid barium hydroxide is added at a temperature exceeding 50°C, (iii) the barium hydroxide being added for a period of less than 15 minutes. The invention further relates to barium sulfate that can be obtained using the method according to the invention.

IPC 8 full level

C01F 11/46 (2006.01); **C01B 25/45** (2006.01)

CPC (source: EP US)

C01B 25/45 (2013.01 - EP US); **C01F 11/462** (2013.01 - EP US); **C01P 2004/52** (2013.01 - EP US); **C01P 2004/62** (2013.01 - EP US); **C01P 2006/80** (2013.01 - EP US); **Y10T 428/2982** (2015.01 - EP US)

Citation (search report)

See references of WO 2009010263A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007033460 A1 20090122; CA 2693607 A1 20090122; CN 101754932 A 20100623; CN 101754932 B 20130123; EP 2173661 A2 20100414; HK 1140747 A1 20101022; JP 2010533635 A 20101028; JP 5246890 B2 20130724; KR 20100074105 A 20100701; TW 200909347 A 20090301; US 2010255308 A1 20101007; US 8420215 B2 20130416; WO 2009010263 A2 20090122; WO 2009010263 A3 20090312

DOCDB simple family (application)

DE 102007033460 A 20070718; CA 2693607 A 20080714; CN 200880025029 A 20080714; EP 08773988 A 20080714; EP 2008005738 W 20080714; HK 10107272 A 20100729; JP 2010516412 A 20080714; KR 20107003223 A 20080714; TW 97127281 A 20080718; US 66856208 A 20080714