

Title (en)

PARTICLE SIZE CONTROL METHOD

Title (de)

VERFAHREN ZUR STEUERUNG DER TEILCHENGROSSE

Title (fr)

MÉTHODE DE CONTRÔLE GRANULOMÉTRIQUE

Publication

**EP 4100361 A1 20221214 (FR)**

Application

**EP 21710333 A 20210203**

Priority

- FR 2001181 A 20200206
- FR 2021000008 W 20210203

Abstract (en)

[origin: WO2021156551A1] The invention relates to a method for grinding phosphate rock in the presence of a particular anionic polymer having a molecular weight of between 1000 and 90000 g/mol, which makes it possible to control the extent (S) of the volume distribution of the particle size of obtained phosphate mineral particles. The invention also relates to a method for improving the production yield of a phosphate rock grinding method.

IPC 8 full level

**C01B 25/01** (2006.01); **C08F 20/06** (2006.01)

CPC (source: EP US)

**C01B 25/01** (2013.01 - EP US); **C08F 20/06** (2013.01 - US); **C08F 120/06** (2013.01 - EP); **C09C 3/041** (2013.01 - US); **C09K 23/52** (2022.01 - US); **C01P 2004/61** (2013.01 - US)

Citation (search report)

See references of WO 2021156551A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**FR 2021000008 W 20210203**; BR 112022013376 A 20210203; CN 202180009419 A 20210203; EP 21710333 A 20210203; FR 2001181 A 20200206; US 202117759255 A 20210203