

Title (en)

MAGNESIUM SULFATE GRANULATES BASED ON SYNTHETIC MAGNESIUM SULPHATE

Title (de)

MAGNESIUMSULFAT-GRANULATE AUF BASIS VON SYNTHETISCHEM MAGNESIUMSULFAT

Title (fr)

GRANULÉS DE SULFATE DE MAGNÉSIUM À BASE DE SULFATE DE MAGNÉSIUM SYNTHÉTIQUE

Publication

EP 3592704 A1 20200115 (DE)

Application

EP 18714957 A 20180307

Priority

- DE 102017104877 A 20170308
- DE 2018000057 W 20180307

Abstract (en)

[origin: WO2018161984A1] The invention relates to magnesium sulfate granulates consisting of at least 90 wt. % synthetic magnesium sulphate hydrate with respect to the total mass of the magnesium sulphate granulate, and having a dry loss of less than 2 wt. % determined by drying of the granulate for 2 hours at 105°c and 1 bar. The invention also relates to a method for producing said magnesium sulfate granulates and to their use in urea-containing fertilizer compositions.

IPC 8 full level

C01F 5/40 (2006.01); **C05C 9/00** (2006.01); **C05D 5/00** (2006.01); **C05G 5/12** (2020.01)

CPC (source: EP US)

C01F 5/40 (2013.01 - EP US); **C05C 9/00** (2013.01 - US); **C05C 9/005** (2013.01 - EP); **C05D 5/00** (2013.01 - EP US); **C05G 1/00** (2013.01 - US); **C05G 5/12** (2020.02 - EP US); **C01P 2004/60** (2013.01 - EP US); **C01P 2006/82** (2013.01 - US)

Citation (search report)

See references of WO 2018161984A1

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 2018161984 A1 20180913; CN 110650920 A 20200103; DE 102017104877 A1 20180913; EP 3592704 A1 20200115; US 10723632 B2 20200728; US 2020039832 A1 20200206

DOCDB simple family (application)

DE 2018000057 W 20180307; CN 201880030011 A 20180307; DE 102017104877 A 20170308; EP 18714957 A 20180307; US 201816492418 A 20180307