

Title (en)  
SORBENT COMPOSITION FOR AN ELECTROSTATIC PRECIPITATOR

Title (de)  
SORBENZUSAMMENSETZUNG FÜR EINEN ELEKTROSTATISCHEN ABSCHIEDER

Title (fr)  
COMPOSITION DE SORBANT POUR UN PRÉCIPITATEUR ÉLECTROSTATIQUE

Publication  
**EP 3820607 A1 20210519 (EN)**

Application  
**EP 19736759 A 20190711**

Priority  
• EP 2018068770 W 20180711  
• US 201816032152 A 20180711  
• EP 2019068758 W 20190711

Abstract (en)  
[origin: WO2020011953A1] A powdery calcium-magnesium compound used as a sorbent composition in flue gas treatment, compatible with electrostatic precipitators. The calcium magnesium compound is doped with calcium nitrate or nitric acid to reduce the electrical resistivity of the particles, increasing their collection efficiency.

IPC 8 full level  
**B01J 20/28** (2006.01); **B01D 53/06** (2006.01); **B01J 20/04** (2006.01)

CPC (source: EP KR)  
**B01D 53/02** (2013.01 - EP); **B01D 53/06** (2013.01 - EP); **B01D 53/10** (2013.01 - EP KR); **B01J 20/04** (2013.01 - EP); **B01J 20/041** (2013.01 - EP KR); **B01J 20/28059** (2013.01 - EP KR); **B01J 20/28071** (2013.01 - EP KR); **B01D 2251/402** (2013.01 - EP KR); **B01D 2251/404** (2013.01 - EP KR); **B01D 2253/1124** (2013.01 - EP KR); **B01D 2258/0283** (2013.01 - EP KR)

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 2020011953 A1 20200116**; BR 112021000247 A2 20210406; BR 112021000247 B1 20240227; CA 3103171 A1 20200116; CL 2020003203 A1 20210416; CN 112399884 A 20210223; CN 112399884 B 20230915; CO 2020015349 A2 20210319; EP 3820607 A1 20210519; JP 2021524374 A 20210913; JP 7358405 B2 20231010; KR 20210031934 A 20210323; SG 11202100180X A 20210225; ZA 202100069 B 20220831

DOCDB simple family (application)  
**EP 2019068758 W 20190711**; BR 112021000247 A 20190711; CA 3103171 A 20190711; CL 2020003203 A 20201210; CN 201980044391 A 20190711; CO 2020015349 A 20201209; EP 19736759 A 20190711; JP 2020568701 A 20190711; KR 20217003861 A 20190711; SG 11202100180X A 20190711; ZA 202100069 A 20210105