

Title (en)

THERMAL INSULATION MATERIAL COMPRISING PARTIALLY OXIDIZED GRAPHITE OXIDE PARTICLES

Title (de)

WÄRMEDÄMMSTOFF MIT TEILWEISE OXIDIERTEN GRAPHITOXIDTEILCHEN

Title (fr)

MATERIAU D'ISOLATION THERMIQUE COMPRENANT DES PARTICULES D'OYDE DE GRAPHITE PARTIELLEMENT OXYDEES

Publication

**EP 3788018 A1 20210310 (FR)**

Application

**EP 19728482 A 20190430**

Priority

- FR 1870534 A 20180504
- FR 2019051006 W 20190430

Abstract (en)

[origin: WO2019211559A1] The invention relates to a thermal insulation material comprising graphite oxide particles, and to the use of partially oxidized graphite oxide particles as an opacifying agent in a thermal insulation material.

IPC 8 full level

**C03C 25/44** (2006.01); **C01B 32/23** (2017.01); **C08K 3/04** (2006.01)

CPC (source: EP KR US)

**B32B 5/18** (2013.01 - KR); **C01B 32/23** (2017.08 - EP KR); **C03C 25/44** (2013.01 - EP KR); **C08J 9/0066** (2013.01 - KR);  
**C08J 9/0095** (2013.01 - US); **C08J 9/16** (2013.01 - US); **C08K 3/04** (2013.01 - EP KR); **E04B 1/7658** (2013.01 - US); **E04B 1/78** (2013.01 - US);  
**C08J 2325/06** (2013.01 - US); **E04B 2001/742** (2013.01 - US)

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 2019211559 A1 20191107**; CA 3100134 A1 20191107; EP 3788018 A1 20210310; FR 3080850 A1 20191108; FR 3080850 B1 20220812;  
JP 2021522395 A 20210830; JP 7411572 B2 20240111; KR 20210003134 A 20210111; US 2021230864 A1 20210729

DOCDB simple family (application)

**FR 2019051006 W 20190430**; CA 3100134 A 20190430; EP 19728482 A 20190430; FR 1870534 A 20180504; JP 2020561659 A 20190430;  
KR 20207031865 A 20190430; US 201917052535 A 20190430