

Title (en)  
PRODUCTION OF A MASTER BATCH BASED ON SULPHUR AND CARBONACEOUS NANOFILLERS, THE MASTER BATCH PRODUCED, AND USES THEREOF

Title (de)  
HERSTELLUNG EINES MASTERBATCH AUF DER BASIS VON SCHWEFEL UND KOHLENSTOFFHALTIGEN NANOFÜLLSTOFFEN, HERGESTELLTES MASTERBATCH UND VERWENDUNGEN DAVON

Title (fr)  
PREPARATION D'UN MELANGE-MAITRE A BASE DE SOUFRE ET DE NANOCHARGES CARBONEES, LE MELANGE-MAITRE OBTENU ET SES UTILISATIONS

Publication  
**EP 3212570 A1 20170906 (FR)**

Application  
**EP 15808697 A 20151027**

Priority  
• FR 1460299 A 20141027  
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• FR 2015052887 W 20151027

Abstract (en)  
[origin: CA2963214A1] The invention relates to a method for producing a master batch comprising between 0.01 and 50 wt. % of carbonaceous nanofillers and at least one sulphurated material such as elemental sulphur by melt compounding, and to the master batch thus produced and the different uses thereof. The invention also relates to a solid composition comprising carbonaceous nanofillers dispersed in a sulphurated material.

IPC 8 full level  
**C01B 17/00** (2006.01); **B29C 48/00** (2019.01); **C08K 5/36** (2006.01); **C08L 23/16** (2006.01); **F41H 1/02** (2006.01); **H01M 4/58** (2010.01)

CPC (source: CN EP KR US)  
**B29B 9/10** (2013.01 - KR); **B29C 48/00** (2019.01 - EP US); **C01B 17/00** (2013.01 - CN EP KR US); **C01B 17/0221** (2013.01 - US); **C01B 17/0237** (2013.01 - US); **C01B 17/0243** (2013.01 - US); **C01B 17/0248** (2013.01 - US); **C01B 32/158** (2017.07 - KR); **C08J 3/12** (2013.01 - KR); **C08J 3/22** (2013.01 - KR); **C08K 3/041** (2017.04 - KR US); **C08K 3/06** (2013.01 - KR US); **C08K 5/36** (2013.01 - KR US); **C08K 5/372** (2013.01 - US); **C08K 7/24** (2013.01 - CN); **C08K 13/02** (2013.01 - US); **C08L 23/16** (2013.01 - EP US); **F41H 1/02** (2013.01 - CN EP US); **H01M 4/38** (2013.01 - CN EP US); **H01M 4/58** (2013.01 - EP US); **H01M 4/625** (2013.01 - CN EP US); **H01M 10/052** (2013.01 - CN EP US); **B29K 2105/162** (2013.01 - CN EP US); **C01P 2004/03** (2013.01 - CN EP US); **C01P 2004/50** (2013.01 - CN EP US); **C01P 2004/61** (2013.01 - CN EP US); **C08K 2201/011** (2013.01 - CN US); **C08L 2203/20** (2013.01 - CN); **Y02E 60/10** (2013.01 - EP)

C-Set (source: CN)  
**C08K 7/24 + C08L 81/02**

Citation (search report)  
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Designated extension state (EPC)  
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DOCDB simple family (publication)  
**FR 3027604 A1 20160429; FR 3027604 B1 20161104**; CA 2963214 A1 20160506; CA 2963214 C 20220712; CN 107078290 A 20170818; CN 114613977 A 20220610; EP 3212570 A1 20170906; FR 3027605 A1 20160429; FR 3027605 B1 20161104; JP 2018502802 A 20180201; JP 6576446 B2 20190918; KR 101991598 B1 20190620; KR 20170074885 A 20170630; MX 2017004280 A 20170719; SG 11201703269V A 20170530; US 10633508 B2 20200428; US 2017313844 A1 20171102; WO 2016066944 A1 20160506

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