

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

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Application
EP 15808697 A 20151027

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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)
See references of WO 2016066944A1

Citation (examination)
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Designated extension state (EPC)
BA ME

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