

Title (en)

COMPOSITE MATERIALS, PRODUCTION THEREOF AND USE THEREOF IN ELECTRICAL CELLS

Title (de)

VERBUNDMATERIALIEN, IHRE HERSTELLUNG UND IHRE VERWENDUNG IN STROMZELLEN

Title (fr)

MATÉRIAUX COMPOSITES, LEUR FABRICATION ET LEUR UTILISATION DANS DES PILES VOLTAÏQUES

Publication

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Application

EP 11786222 A 20110530

Priority

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Abstract (en)

[origin: WO2011148357A1] Composite materials, production thereof and use thereof in electrical cells A composite material comprising a reaction product of (A) at least one organic polymer, (B) sulfur and (C) carbon in a polymorph which comprises at least 60% sp²-hybridized carbon atoms, and additionally particles or domains which comprise carbon (C) filled with sulfur (B).

IPC 8 full level

C08K 3/04 (2006.01); **C08K 3/06** (2006.01); **C08K 9/02** (2006.01); **C08K 11/00** (2006.01); **H01M 4/136** (2010.01); **H01M 4/36** (2006.01); **H01M 4/58** (2010.01); **H01M 4/60** (2006.01); **H01M 4/62** (2006.01); **H01M 10/052** (2010.01)

CPC (source: EP KR)

C08K 3/04 (2013.01 - EP KR); **C08K 3/06** (2013.01 - EP KR); **C08K 9/02** (2013.01 - EP KR); **C08L 33/20** (2013.01 - KR); **H01M 4/136** (2013.01 - EP); **H01M 4/362** (2013.01 - EP); **H01M 4/5815** (2013.01 - EP); **H01M 4/604** (2013.01 - EP); **H01M 4/608** (2013.01 - EP); **H01M 4/625** (2013.01 - EP); **H01M 10/052** (2013.01 - EP); **H01M 10/0525** (2013.01 - KR); **Y02E 60/10** (2013.01 - EP)

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