

Title (en)  
COMPOSITE MATERIALS FOR LITHIUM-SULFUR BATTERIES

Title (de)  
KOMPOSITMATERIALIEN FÜR LITHIUM-SCHWEFEL BATTERIEN

Title (fr)  
MATÉRIAUX COMPOSITES POUR BATTERIES LITHIUM-SOUFRE

Publication  
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Application  
**EP 13829434 A 20130805**

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Abstract (en)  
[origin: WO2014027272A2] The present invention relates to sulfur-carbon composite materials comprising (A) at least one carbon composite material comprising (a) a carbonization product of at least one carbonaceous starting material, incorporating (aa) particles of at least one electrically conductive additive, the particles having an aspect ratio of at least 10, and (B) elemental sulfur. In addition, the present invention also relates to a process for producing inventive sulfur-carbon composite materials, to cathode materials for electrochemical cells comprising inventive sulfur- carbon composite materials, to corresponding electrochemical cells and to the use of carbon composite materials for production of electrochemical cells.

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Citation (search report)  
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• [A] US 2011206992 A1 20110825 - CAMPBELL CHRISTOPHER T S [US], et al  
• [A] WO 2011156925 A2 20111222 - NAZAR LINDA FAYE [CA], et al  
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