

Title (en)
COMPOSITE STRUCTURE AND METHOD FOR PRODUCING THE COMPOSITE STRUCTURE

Title (de)
VERBUNDSTRUKTUR UND VERFAHREN ZUR HERSTELLUNG DER VERBUNDSTRUKTUR

Title (fr)
STRUCTURE COMPOSITE ET SON PROCÉDÉ DE PRODUCTION

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Application
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Abstract (en)
[origin: WO2020136187A1] A composite structure for an electrode, comprising: a conductive supporting material a plurality of core-shell structures, said core-shell structures comprising: a shell comprising carbon, a cavity enclosed by the shell, a core in the cavity, said core comprising sulfur, wherein the shell has a layered structure and comprises pores connecting the cavity and outside of the shell, said pores have an average thickness ranging from 0.2nm to 5nm, preferably from 0.4 to 2nm, more preferably from 0.4 to nm, wherein the plurality of core-shell structures are dispersed in the composite structure by the conductive supporting material between the plurality of core-shell structures.

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