

Title (en)
ELECTRODE MATERIAL COMPRISING METAL SULFIDE

Title (de)
ELEKTRODENMATERIAL MIT METALLSULFID

Title (fr)
MATÉRIAU D'ÉLECTRODE COMPRENANT DU SULFURE DE MÉTAL

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Application
EP 12810947 A 20120709

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Abstract (en)
[origin: WO2013008166A1] The present invention relates to electrode material for an electrical cell comprising as component (A) at least one ion- and electron-conductive metal chalcogenide, as component (B) carbon in a polymorph comprising at least 60% sp²-hybridized carbon atoms, as component (C) at least one sulfur-containing component selected from the group consisting of elemental sulfur, a composite produced from elemental sulfur and at least one polymer, a polymer comprising divalent di- or polysulfide bridges and mixtures thereof, and as component (D) optionally at least one binder. The invention further relates to a rechargeable electrical cell comprising at least one electrode which has been produced from or using the inventive electrode material, to the use of the rechargeable electrical cell and to the use of an ion- and electron-conductive metal chalcogenide for production of an inventive rechargeable electrical cell.

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Citation (search report)

- [X] US 2004101753 A1 20040527 - HWANG DUCK-CHUL [KR]
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- See references of WO 2013008166A1

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