

Title (en)

ELECTRODE MATERIALS AND METHOD FOR PRODUCING SAME

Title (de)

ELEKTRODENMATERIALIEN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

MATÉRIAUX POUR ÉLECTRODES ET PROCÉDÉ DE FABRICATION DE CES MATÉRIAUX

Publication

**EP 2661781 A1 20131113 (DE)**

Application

**EP 12704053 A 20120210**

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Abstract (en)

[origin: WO2012110404A1] The invention relates to a method for producing electrode materials, characterized in that the components (A) at least one iron compound in which Fe is present in the oxidation state of +2 or +3, (B) at least one phosphorous compound, (C) at least one lithium compound, (D) at least one carbon source that can be a separate carbon source or the same at least one iron compound (A) or phosphorous compound (B) or lithium compound (C), (E) optionally at least one reducing agent, (F) optionally at least one other metal compound that has a metal that is different from iron, and (G) optionally water or at least one organic solvent are (a) mixed together, (b) spray dried together using at least one device that uses at least one spray nozzle for spraying, and (c) thermally treated at temperatures ranging from 350 to 1200 °C.

IPC 8 full level

**C01B 25/45** (2006.01); **B82Y 30/00** (2011.01); **C01B 25/37** (2006.01); **C08K 3/04** (2006.01); **H01M 4/02** (2006.01); **H01M 4/04** (2006.01); **H01M 4/1397** (2010.01); **H01M 4/36** (2006.01); **H01M 4/58** (2010.01); **H01M 4/62** (2006.01); **H01M 10/0525** (2010.01)

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Citation (search report)

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