

Title (en)

PROCESS FOR PRODUCING PARTICULATE CARBON-COATED LITHIUM IRON PHOSPHATE, CARBON COATED LITHIUM IRON PHOSPHATE AND ITS USES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TEILCHENFÖRMIGEM KOHLENSTOFFBESCHICHTETEM LITHIUMEISENPHOSPHAT, KOHLENSTOFFBESCHICHTETES LITHIUMEISENPHOSPHAT UND SEINE VERWENDUNGEN

Title (fr)

PROCÉDÉ DE PRODUCTION DE PHOSPHATE DE FER LITHIÉ REVÊTU DE CARBONE PARTICULAIRE, PHOSPHATE DE FER LITHIÉ REVÊTU DE CARBONE ET SES UTILISATIONS

Publication

EP 3678988 A1 20200715 (EN)

Application

EP 18766012 A 20180831

Priority

- GB 201714099 A 20170904
- GB 2018052467 W 20180831

Abstract (en)

[origin: WO2019043401A1] A process for producing particulate carbon-coated lithiumiron phosphate comprising a milling step and a calcination step. The process uses polyvinyl butyral having a butyryl content of at least 84 wt% and a hydroxyl content of 16 wt% or less as a carbon-containing precursor. The process enables the formation of electrodes with higher electrode density.

IPC 8 full level

C01B 25/30 (2006.01); **C01B 25/45** (2006.01); **H01M 4/58** (2010.01)

CPC (source: EP)

C01B 25/30 (2013.01); **C01B 25/45** (2013.01); **H01M 4/58** (2013.01); **Y02E 60/10** (2013.01)

Citation (search report)

See references of WO 2019043401A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019043401 A1 20190307; CN 111132928 A 20200508; EP 3678988 A1 20200715; GB 201714099 D0 20171018

DOCDB simple family (application)

GB 2018052467 W 20180831; CN 201880051632 A 20180831; EP 18766012 A 20180831; GB 201714099 A 20170904