

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

Publication

**EP 3678989 A1 20200715 (EN)**

Application

**EP 18766013 A 20180831**

Priority

- GB 201714100 A 20170904
- GB 2018052468 W 20180831

Abstract (en)

[origin: WO2019043402A1] A process for producing particulate carbon-coated lithium iron phosphate comprising a milling step and a calcination step. The process uses polyvinyl butyral having a having a molecular weight distribution such that at least 75% of the polyvinyl butyral has a molecular weight in the range from 30000 to 90000. The process enables the formation of lithium iron phosphate with improved electrochemical properties.

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 2019043402A1

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Designated extension state (EPC)

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