

Title (en)
SOLID-STATE BATTERY

Title (de)
FESTSTOFFBATTERIE

Title (fr)
BATTERIE À ÉLECTROLYTE SOLIDE

Publication
EP 3769359 A1 20210127 (EN)

Application
EP 19715691 A 20190321

Priority

- US 201862646521 P 20180322
- US 201862691819 P 20180629
- US 201916359707 A 20190320
- US 201916359725 A 20190320
- US 201916359733 A 20190320
- US 2019023390 W 20190321

Abstract (en)
[origin: WO2019183363A1] A method for depositing lithium on a substrate to form an electrode is provided. The method includes applying a printable lithium composition comprised of lithium metal powder, a polymer binder compatible with the lithium metal powder, a rheology modifier compatible with the lithium metal powder and a solvent compatible with the lithium metal powder and with the polymer binder, to a substrate.

IPC 8 full level
H01M 4/38 (2006.01); **B22F 1/10** (2022.01); **B22F 1/103** (2022.01); **H01M 4/04** (2006.01); **H01M 4/36** (2006.01); **H01M 4/587** (2010.01); **H01M 4/62** (2006.01); **H01M 6/40** (2006.01); **H01M 10/0525** (2010.01); **H01M 10/0562** (2010.01)

CPC (source: EP IL KR US)
B22F 1/10 (2022.01 - EP IL KR US); **B22F 1/103** (2022.01 - EP IL KR US); **H01M 4/04** (2013.01 - EP IL); **H01M 4/0404** (2013.01 - EP IL KR); **H01M 4/0407** (2013.01 - EP IL); **H01M 4/0409** (2013.01 - IL); **H01M 4/0411** (2013.01 - IL KR); **H01M 4/0414** (2013.01 - EP IL KR US); **H01M 4/0419** (2013.01 - KR); **H01M 4/133** (2013.01 - EP); **H01M 4/134** (2013.01 - EP); **H01M 4/1393** (2013.01 - EP); **H01M 4/1395** (2013.01 - EP KR); **H01M 4/36** (2013.01 - IL); **H01M 4/364** (2013.01 - US); **H01M 4/366** (2013.01 - IL); **H01M 4/38** (2013.01 - EP IL); **H01M 4/382** (2013.01 - EP IL KR US); **H01M 4/386** (2013.01 - EP); **H01M 4/405** (2013.01 - EP); **H01M 4/587** (2013.01 - EP IL); **H01M 4/62** (2013.01 - EP IL KR); **H01M 4/622** (2013.01 - EP); **H01M 4/625** (2013.01 - EP IL KR); **H01M 4/626** (2013.01 - EP IL); **H01M 6/40** (2013.01 - IL); **H01M 10/052** (2013.01 - KR); **H01M 10/0525** (2013.01 - EP IL US); **H01M 10/0562** (2013.01 - EP IL); **B22F 3/20** (2013.01 - EP); **B22F 3/22** (2013.01 - EP); **B22F 2301/054** (2013.01 - US); **B22F 2302/40** (2013.01 - US); **H01M 4/0409** (2013.01 - EP US); **H01M 4/0411** (2013.01 - EP); **H01M 4/36** (2013.01 - EP); **H01M 4/366** (2013.01 - EP); **H01M 6/40** (2013.01 - EP); **H01M 10/0565** (2013.01 - EP); **H01M 2004/027** (2013.01 - US); **H01M 2300/0065** (2013.01 - KR); **Y02E 60/10** (2013.01 - EP)

Citation (examination)

- CN 104332657 B 20160622
- US 2005239917 A1 20051027 - NELSON CRAIG R [US], et al
- US 2016351893 A1 20161201 - WIETELMANN ULRICH [DE], et al
- WO 2011008744 A1 20110120 - ROGERS CORP [US], et al
- See also references of WO 2019183368A1

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

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BA ME

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