

Title (en)

LITHIUM SALT MIXTURE AND USES THEREOF AS A BATTERY ELECTROLYTE

Title (de)

LITHIUM-SALZ-GEMISCH UND VERWENDUNGEN DAVON ALS BATTERIEELEKTROLYT

Title (fr)

MELANGE DE SELS DE LITHIUM ET SES UTILISATIONS COMME ELECTROLYTE DE BATTERIE

Publication

EP 3665737 A1 20200617 (FR)

Application

EP 18758933 A 20180726

Priority

- FR 1757559 A 20170807
- FR 2018051912 W 20180726

Abstract (en)

[origin: WO2019030440A1] The present invention concerns a mixture comprising: - lithium bis(fluorosulfonyl)imide; - lithium 2-trifluoromethyl-4,5-dicyano-imidazole; and - lithium hexafluorophosphate; as well as an electrolyte composition comprising said mixture, and their uses.

IPC 8 full level

H01M 10/0525 (2010.01); **H01M 10/0567** (2010.01); **H01M 10/0568** (2010.01); **H01M 10/0569** (2010.01)

CPC (source: EP KR US)

H01M 10/0525 (2013.01 - EP KR US); **H01M 10/0567** (2013.01 - US); **H01M 10/0568** (2013.01 - EP KR US); **H01M 10/0569** (2013.01 - US); **H01M 10/0567** (2013.01 - EP KR); **H01M 10/0569** (2013.01 - EP KR); **H01M 2300/0037** (2013.01 - KR US); **Y02E 60/10** (2013.01 - EP US)

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 2019030440 A1 20190214; CN 110998950 A 20200410; EP 3665737 A1 20200617; FR 3069959 A1 20190208; FR 3069959 B1 20190823; JP 2020529425 A 20201008; KR 102645232 B1 20240307; KR 20200038927 A 20200414; US 11757133 B2 20230912; US 2021151798 A1 20210520

DOCDB simple family (application)

FR 2018051912 W 20180726; CN 201880050215 A 20180726; EP 18758933 A 20180726; FR 1757559 A 20170807; JP 2020505495 A 20180726; KR 20207001430 A 20180726; US 201816630223 A 20180726