

Title (en)

ELECTROCHEMICAL CELLS AND ELECTRODE ACTIVE MATERIALS SUITABLE FOR SUCH ELECTROCHEMICAL CELLS

Title (de)

ELEKTROCHEMISCHE ZELLEN UND ELEKTRODENAKTIVE MATERIALIEN FÜR SOLCHE ELEKTROCHEMISCHE ZELLEN

Title (fr)

CELLULES ÉLECTROCHIMIQUES ET MATÉRIAUX ACTIFS D'ÉLECTRODE APPROPRIÉS POUR DE TELLES CELLULES ÉLECTROCHIMIQUES

Publication

**EP 4367727 A1 20240515 (EN)**

Application

**EP 22740327 A 20220624**

Priority

- EP 21184537 A 20210708
- EP 2022067315 W 20220624

Abstract (en)

[origin: WO2023280589A1] Use of alkali or alkali earth metal ion-containing molecular sieves for coating of cathode active materials with a molar manganese content in the range of from 50 to 85 mol-% referring to the metals other than lithium.

IPC 8 full level

**H01M 4/04** (2006.01); **H01M 4/134** (2010.01); **H01M 4/1395** (2010.01); **H01M 4/36** (2006.01); **H01M 4/505** (2010.01); **H01M 4/587** (2010.01); **H01M 4/62** (2006.01)

CPC (source: EP)

**H01M 4/04** (2013.01); **H01M 4/134** (2013.01); **H01M 4/1395** (2013.01); **H01M 4/362** (2013.01); **H01M 4/505** (2013.01); **H01M 4/587** (2013.01); **H01M 4/62** (2013.01); **Y02E 60/10** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2023280589 A1 20230112**; EP 4367727 A1 20240515

DOCDB simple family (application)

**EP 2022067315 W 20220624**; EP 22740327 A 20220624