

Title (en)

ELECTROCHEMICAL CELLS COMPRISING NITROGEN-CONTAINING POLYMERS

Title (de)

ELEKTROCHEMISCHE ZELLEN UMFASSEND STICKSTOFF-HALTIGE POLYMERE

Title (fr)

CELLULES ÉLECTROCHIMIQUES CONTENANT UN POLYMÈRE RENFERMANT DE L'AZOTE

Publication

EP 2789031 A1 20141015 (DE)

Application

EP 12854572 A 20121129

Priority

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- IB 2012056819 W 20121129
- EP 12854572 A 20121129

Abstract (en)

[origin: WO2013084116A1] Electrochemical cells comprise: (A) at least one cathode comprising at least one lithium ion-containing transition metal compound, (B) at least one anode, and at least one layer comprising (a) at least one polymer comprising monomer units comprising nitrogen-containing 5- or 6- membered heterocyclic aromatic structural units or comprising an organic radical which derives from a-aminophosphonic acid or from iminodiacetic acid, and (b) optionally at least one binder.

IPC 8 full level

H01M 2/14 (2006.01); **H01M 2/16** (2006.01); **H01M 10/0525** (2010.01); **H01M 50/449** (2021.01); **H01M 50/489** (2021.01); **H01M 4/505** (2010.01); **H01M 4/587** (2010.01); **H01M 50/417** (2021.01)

CPC (source: CN EP KR US)

C08J 5/22 (2013.01 - KR); **C08L 101/02** (2013.01 - KR); **H01M 4/386** (2013.01 - KR); **H01M 4/387** (2013.01 - KR); **H01M 4/505** (2013.01 - KR); **H01M 4/583** (2013.01 - KR); **H01M 10/0525** (2013.01 - CN KR); **H01M 50/411** (2021.01 - KR); **H01M 50/414** (2021.01 - KR); **H01M 50/449** (2021.01 - CN EP KR US); **H01M 50/463** (2021.01 - KR); **H01M 50/489** (2021.01 - CN EP US); **H01M 4/505** (2013.01 - CN EP); **H01M 4/587** (2013.01 - CN EP); **H01M 10/0525** (2013.01 - EP); **H01M 50/417** (2021.01 - CN EP US); **H01M 2220/20** (2013.01 - KR); **Y02E 60/10** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP)

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