

Title (en)
APPARATUS AND METHOD FOR FORMING 3D NANOSTRUCTURE ELECTRODE FOR ELECTROCHEMICAL BATTERY OR CAPACITOR

Title (de)
VORRICHTUNG UND VERFAHREN ZUR FORMUNG VON 3D-NANOSTRUKTURELEKTRODEN FÜR ELEKTROCHEMISCHE BATTERIEN ODER KONDENSATOREN

Title (fr)
APPAREIL ET PROCÉDÉ DE FABRICATION D'UNE ÉLECTRODE À NANOSTRUCTURE EN 3D POUR UNE BATTERIE OU UN CONDENSATEUR ÉLECTROCHIMIQUE

Publication
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Application
EP 09828243 A 20091119

Priority
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• US 62078809 A 20091118

Abstract (en)
[origin: US2010126849A1] Embodiments described herein generally relate to an electrode structure for an electrochemical battery or capacitor, particularly, apparatus and methods of creating a reliable and cost efficient 3D electrode nano structure for an electrochemical battery or capacitor that has an improved lifetime, lower production costs, and improved process performance.

IPC 8 full level
C23C 2/00 (2006.01); **C23C 2/14** (2006.01); **H01G 9/042** (2006.01); **H01M 10/04** (2006.01); **H01M 10/0525** (2010.01)

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C25D 1/003 (2013.01 - EP KR US); **C25D 5/022** (2013.01 - EP KR US); **C25D 5/08** (2013.01 - EP KR US); **C25D 5/605** (2020.08 - EP US);
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C25D 7/0678 (2013.01 - KR); **C25D 7/0685** (2013.01 - KR); **C25D 17/00** (2013.01 - EP KR US); **C25D 17/005** (2013.01 - KR);
C25D 17/06 (2013.01 - KR); **C25D 17/10** (2013.01 - EP KR US); **C25D 21/08** (2013.01 - KR); **H01M 4/0438** (2013.01 - EP US);
H01G 11/86 (2013.01 - KR); **H01G 13/00** (2013.01 - KR); **H01M 4/0452** (2013.01 - KR); **H01M 4/139** (2013.01 - KR); **H01M 10/052** (2013.01 - KR);
Y02E 60/10 (2013.01 - EP KR); **Y02E 60/13** (2013.01 - EP KR US); **Y02P 70/50** (2015.11 - EP KR)

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See references of WO 2010059865A2

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