

Title (en)  
OPTIMIZED DIMENSIONAL RELATIONSHIPS FOR AN ELECTROCHEMICAL CELL HAVING COILED CORE

Title (de)  
OPTIMIERTE ABMESSUNGSVERHÄLTNISSE FÜR EINE ELEKTROCHEMISCHE ZELLE MIT GESPULTEM KERN

Title (fr)  
RELATIONS DIMENSIONNELLES OPTIMISÉES POUR UNE PILE ÉLECTROCHIMIQUE AYANT UN CÂBLE ENROULÉ

Publication  
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Application  
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- CN 200810142085 A 20080826
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- CN 200810142088 A 20080826
- CN 200810142083 A 20080826
- CN 200810142080 A 20080826
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Abstract (en)  
[origin: WO2009079961A1] An electrochemical storage cell having a coiled core is disclosed. The coiled core includes a cathode sheet, an anode sheet, and a separator sheet. An anode connector is connected with the anode sheet at a first end of the coiled core and a cathode connector is connected with the cathode sheet at a second, opposite end of the coiled core. The coiled core has a length L<sub>core</sub> and a width W<sub>core</sub> and each connector has a width W<sub>connector</sub>. The length of the coiled core L<sub>core</sub>, width of the coiled core W<sub>core</sub>, and width of each connector W<sub>connector</sub> have the relationship 0<W<sub>connector</sub>/L<sub>core</sub><0.37.

IPC 8 full level  
**H01M 4/64** (2006.01); **H01M 4/70** (2006.01); **H01M 10/04** (2006.01); **H01M 10/052** (2010.01); **H01M 10/0525** (2010.01); **H01M 10/0587** (2010.01); **H01M 10/36** (2010.01); **H01M 50/51** (2021.01); **H01M 50/528** (2021.01); **H01M 50/548** (2021.01); **H01M 50/553** (2021.01); **H01M 50/566** (2021.01); **H01M 50/147** (2021.01); **H01M 50/176** (2021.01); **H01M 50/186** (2021.01); **H01M 50/503** (2021.01)

CPC (source: EP KR US)  
**B60L 50/50** (2019.02 - KR); **H01M 6/5038** (2013.01 - US); **H01M 10/0525** (2013.01 - EP); **H01M 10/0587** (2013.01 - EP US); **H01M 10/613** (2015.04 - EP); **H01M 10/6553** (2013.01 - EP); **H01M 10/6566** (2015.04 - KR); **H01M 50/51** (2021.01 - EP US); **H01M 50/528** (2021.01 - EP); **H01M 50/548** (2021.01 - EP US); **H01M 50/553** (2021.01 - EP US); **H01M 50/566** (2021.01 - EP US); **H01M 50/581** (2021.01 - EP US); **H01M 10/0422** (2013.01 - US); **H01M 10/0431** (2013.01 - EP US); **H01M 10/625** (2015.04 - EP); **H01M 50/147** (2021.01 - EP US); **H01M 50/15** (2021.01 - US); **H01M 50/152** (2021.01 - US); **H01M 50/176** (2021.01 - EP US); **H01M 50/186** (2021.01 - EP US); **H01M 50/503** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP); **Y02T 10/70** (2013.01 - US)

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- See also references of WO 2009079961A1

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