

Title (en)  
ELECTROCHEMICAL CELL AND METHOD OF ASSEMBLY

Title (de)  
ELEKTROCHEMISCHE ZELLE UND ASSEMBLAGEVERFAHREN

Title (fr)  
PILE ELECTROCHIMIQUE ET PROCEDE DE MONTAGE DE LADITE PILE

Publication  
**EP 1048092 A1 20001102 (EN)**

Application  
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Priority  
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Abstract (en)  
[origin: WO0030197A1] An electrochemical cell and method for achieving increased anode-to-cathode interface area to realize enhanced service performance. A first electrode, such as a cathode, is provided in a container and a cavity is formed in the first electrode. A tubular separator is disposed within the cavity by inserting a conductive plate against the separator to form first and second separator compartments. The conductive plate is preferably coated with active first electrode material, such as manganese dioxide, and the plate is interference fit within the cavity. A second electrode, such as an anode, is disposed within each of the first and second separator compartments. A collector is assembled in contact with the second and third electrodes and a cover and seal assembly is assembled to the top of the container.

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**H01M 6/06**; **H01M 10/28**; **H01M 2/18**

IPC 8 full level  
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Citation (search report)  
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