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(54) **ELECTROCHEMICAL CELL STACK ASSEMBLY**

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(57) **ABSTRACT**

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Multiple stacks of tubular electrochemical cells having a dense electrolyte disposed between an anode and a cathode preferably deposited as thin films arranged in parallel on stamped conductive interconnect sheets or ferrules. The stack allows one or more electrochemical cell to malfunction without disabling the entire stack. Stack efficiency is enhanced through simplified gas manifolding, gas recycling, reduced operating temperature and improved heat distribution.

(60) Provisional application No. 60/378,701, filed on May 7, 2002.

