

Title (en)

REDUCED SIZE FUEL CELL FOR PORTABLE APPLICATIONS

Title (de)

BRENNSTOFFZELLE MIT REDUZIERTEN ABMESSUNGEN FÜR TRAGBARE ANWENDUNGEN

Title (fr)

PILE A COMBUSTIBLE DE TAILLE REDUITE POUR APPLICATIONS PORTABLES

Publication

**EP 1293007 A1 20030319 (EN)**

Application

**EP 01952871 A 20010613**

Priority

- US 0140990 W 20010613
- US 21144400 P 20000613

Abstract (en)

[origin: WO0197314A1] A flat pack type fuel cell includes a plurality of membrane electrode assemblies. Each membrane electrode assembly is formed of an anode, and electrolyte, and a cathode with appropriate catalysts thereon. The anode is directly into contact with fuel via a wicking element. The fuel reservoir may extend along the same axis as the membrane electrode assemblies, so that fuel can be applied to each of the anodes. Each of the fuel cell elements is interconnected together to provide the voltage outputs in series.

IPC 1-7

**H01M 8/24**; **H01M 8/04**

IPC 8 full level

**H01M 8/04** (2006.01); **H01M 4/86** (2006.01); **H01M 8/02** (2006.01); **H01M 8/24** (2006.01)

CPC (source: EP)

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