

Title (en)

DISPOSABLE COMPONENT ON A FUEL CARTRIDGE AND FOR USE WITH A PORTABLE FUEL CELL SYSTEM

Title (de)

EINWEGKOMPONENTE AN EINER BRENNSTOFFKASSETTE UND ZUR VERWENDUNG MIT EINEM TRAGBAREN
BRENNSTOFFZELLENSYSTEM

Title (fr)

COMPOSANT JETABLE POUR CARTOUCHE DE COMBUSTIBLE POUR SYSTEME DE PILE A COMBUSTIBLE PORTABLE

Publication

EP 1889318 A2 20080220 (EN)

Application

EP 06752114 A 20060502

Priority

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- US 67742405 P 20050502
- US 68259805 P 20050518

Abstract (en)

[origin: WO2006119310A2] A portable cartridge that stores a fuel for use with a fuel cell system includes one or more disposable components for use by the fuel cell system. Replacing a fuel cartridge, e.g., when fuel is depleted from the current cartridge, also then services the disposable component for the fuel cell system. Thus, the disposable component is included on a fuel cartridge, but used by a fuel cell system when the cartridge and a package that includes the system are coupled together. The disposable component may include: an inlet filter that regulates passage of gases and liquids into the fuel system, an outlet filter that cleans fuel cell system exhaust gases, a sensor on the inlet air stream to the fuel cell system; a sensor on the exhaust; a desiccant that sinks moisture from within the fuel cell system package; or a fuel absorbent that soaks fuel between connectors on the fuel cartridge and the fuel cell system.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2006119310A2

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