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(54) **FUEL CELL COVER PLATE TIE-DOWN**

(56) **References Cited**

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patent is extended or adjusted under 35
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(57) **ABSTRACT**

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A pair of reactant cover plates, e.g., fluid manifolds or protective covers (11, 12), on opposite sides of a fuel cell stack (7) are drawn to the fuel cells (14) and pressure plates (8) by tensioning lines, e.g., cables (23) or straps (23a), which may extend around structures, e.g., pins or extensions (11a, 12a; 11e, 12e) extending outwardly from the ends of the cover plates or guides (22a) on the stack, e.g., on the pressure plates (8) in a closed loop, and are tensioned by a tensioning device, such as a turnbuckle (24).

(52) **U.S. Cl.** 429/37; 429/38; 429/36;
429/34

(58) **Field of Classification Search** None
See application file for complete search history.

3 Claims, 6 Drawing Sheets

