

Title (en)

METHOD AND APPARATUS FOR MEASURING DISPLACEMENT OF A FUEL CELL STACK DURING ASSEMBLY

Title (de)

VERFAHREN UND VORRICHTUNG ZUM MESSEN DES VERSATZES EINES BRENNSTOFFZELLENSTAPELS WÄHREND DER MONTAGE

Title (fr)

PROCEDE ET APPAREIL PERMETTANT DE MESURER LE DEPLACEMENT D'UN EMPILEMENT DE CELLULES ELECTROCHIMIQUES PENDANT L'ASSEMBLAGE

Publication

**EP 1314215 A2 20030528 (EN)**

Application

**EP 01951261 A 20010703**

Priority

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- US 61920000 A 20000719

Abstract (en)

[origin: WO0209216A2] A method of testing the assembly of a fuel cell stack comprising a plurality of fuel cells (for example, solid polymer electrolyte fuel cells) applies a compressive force to the stack and measuring the displacement of the stack in response to the applied force. An apparatus for testing the assembly of a fuel cell stack comprises: (a) a compression device for applying a compressive force to the stack; (b) at least one load monitoring device for measuring the applied force; and (c) at least one displacement monitoring device for measuring the displacement of the stack in response to the applied force.

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