



US007140102B2

(12) **United States Patent**
Taliashvili et al.

(10) **Patent No.:** **US 7,140,102 B2**
(45) **Date of Patent:** ***Nov. 28, 2006**

(54) **ELECTRODE SANDWICH SEPARATION**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 494 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **10/234,498**

(22) Filed: **Sep. 3, 2002**

(65) **Prior Publication Data**
US 2003/0068431 A1 Apr. 10, 2003

(51) **Int. Cl.**
H01R 9/00 (2006.01)

(52) **U.S. Cl.** **29/842**; 29/25.02; 29/831; 29/847; 427/250

(58) **Field of Classification Search** 29/592.1, 29/25.02, 25.41, 830, 831, 846, 847, 842; 427/250

See application file for complete search history.

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Primary Examiner—Carl J. Arbes

(57) **ABSTRACT**

Materials bonded together are separated using electrical current, thermal stresses, mechanical force, any combination of the above methods, or any other application or removal of energy until the bonds disappear and the materials are separated. In one embodiment the original bonding was composed of two layers of material. In another embodiment, the sandwich was composed of three layers. In a further embodiment, the parts of the sandwich are firmly maintained in their respective positions during the application of current so as to be able to subsequently align the materials relative to one another.

14 Claims, 4 Drawing Sheets

