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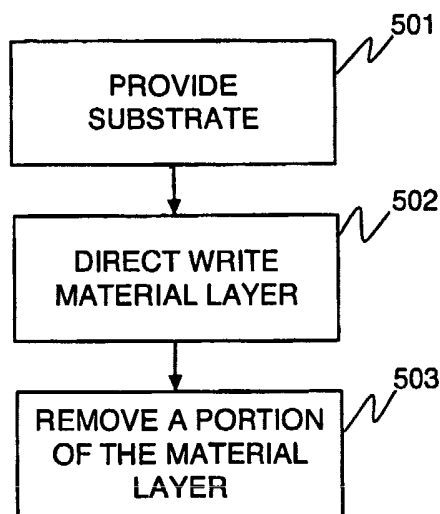
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(54) Title: SYSTEM AND METHOD FOR MANUFACTURING EMBEDDED CONFORMAL ELECTRONICS



(57) Abstract: A method for fabricating an electronic device comprises providing a substrate (501), direct writing a functional material by a thermal spray on the substrate (502) and removing a portion of the function material to form the electronic or sensory device (503).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24584

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01L 21/00; G09G 3/36

US CL : 438/29,34; 345/45,46,92; 505/191

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 438/29,34; 345/45,46,92; 505/191

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,274,412 B1 (Kydd et al.) 14 August 2001 (14.08.2001), Fig.1-13; Col. 1, line 15 - Col. 18, line 67.	1-18
Y,P	US 6,545,291 B1 (Amundson et al.) 08 April 2003 (08.04.2003) Col. 1, line 20 - Col. 12, line 40.	1-18
Y,P	US 6,555,411 B1 (Bao et al.) 29 April 2003 (29.04.2003), Figs.20-23; Col. 3, line 13 - Col. 12, line 49.	1-18
T	US 6,697,694 B2 (Mogensen) 24 February 2004 (24.02.2004), Figs. 1-8; Col. 1, line 13 - Col. 12, line 67.	1-18

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"X"

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document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

PCT/US03/24584

Continuation of B. FIELDS SEARCHED Item 3:

EAST (USPAT, USPGPUB, EPO, JPO, DERWENT, IBMTDB)

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