UNITARY MEDICATION COMPLIANCE MONITORING SYSTEM USING A FLEXIBLE CONDUCTIVE SUBSTRATE

Title: UNITARY MEDICATION COMPLIANCE MONITORING SYSTEM USING A FLEXIBLE CONDUCTIVE SUBSTRATE

Abstract: Improved systems for monitoring patient compliance with medication regimens are provided. The systems note when unit doses of medication are dispensed to a patient and include a detector (4, 6, 8, 10) for generating a signal each time a unit dose is dispensed as well as a signal processor (14) which can act upon the signal. The devices include a flexible conductive substrate (12) physically supporting and connecting the detector (4, 6, 8, 10) and the processor (14) into a unitary structure and conducting the signal from the detector (4, 6, 8, 10) to the processor (14). In preferred embodiments the flexible conductive substrate (12) employs flexible conductive organic materials.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61J7/00
ADD. A61J7/04

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)

H05K

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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>1-3, 7-11, 23-25, 33</td>
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Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the International search

18 June 2007

Date of mailing of the International search report

25/06/2007

Name and mailing address of the ISA

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Authorized officer

Girard, Olivier
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