Title: PORTABLE DRUG DELIVERY DEVICE

Abstract: A device for transdermal drug delivery and administration of differing dosages at specific times of the day automatically pursuant to a pre-programmed dosage profile, includes a control and display unit, a two-part dispensing mechanism, a drug reservoir, an administration element, and a solvent removal element. The dispensing mechanism may be a peristaltic pump having an active portion with a motor, a roller, a mounting plate and a detachable passive portion with tubing and a housing. The roller and motor are mounted in the reusable portion of the delivery device with the control unit and a power source. The speed of the micromotor is controlled by the control unit, so that the turning speed of the roller is controlled which, in turn, controls the flow rate to the administration. The passive portion and drug reservoir are detachable along with the administration element for attaching a new dosing reservoir.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC: A61F 13/00 (2006.01)
USPC: 424/449
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.: 424/449

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>US 5,352,456 A (FALLON et al.) 04 October 1994(04.10.1994), see the entire document.</td>
<td>1-30</td>
</tr>
<tr>
<td>A</td>
<td>US 6,068,853 A (GIANNOS et al.) 30 May 2000(30.05.2000), see the entire document.</td>
<td>1-30</td>
</tr>
</tbody>
</table>

- Further documents are listed in the continuation of Box C.
- See patent family annex.

* Special categories of cited documents:
  - "A" document defining the general state of the art which is not considered to be of particular relevance
  - "E" earlier application or patent published on or after the international filing date
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Date of the actual completion of the international search
13 October 2006 (13.10.2006)

Date of mailing of the international search report
30 November 2006

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Form PCT/ISA/210 (second sheet) (April 2005)
Continuation of B. FIELDS SEARCHED Item 3:
West all data bases
Search terms: device, reservoir, passive, dispenser, force