Abstract: A medication infusion system may include a controller and a reservoir module including a reservoir containing medication to be delivered to an internal wound site via the controller. The controller may have a peristaltic pump driven by a motor to urge medication to flow toward the internal wound site. The controller and the reservoir module may each have a mating surface oriented such that the reservoir module can slide into engagement with the controller along a direction parallel to an axis of rotation of the motor. The controller may also have a blockage detection system that provides an alarm and/or cessation of operation if the infusion line is blocked. Additionally, the controller may have a valve that restricts flow through the infusion line if the line is not properly engaged by the controller to prevent unrestricted fluid flow.
### INTERNATIONAL SEARCH REPORT

**A. CLASSIFICATION OF SUBJECT MATTER**

- **IPC:** A61M 37/00 (2006.01)
- **USPC:** 604/131,151,154

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)

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

**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>Y</td>
<td>US 4,526,574 A (PEKKARINEN) 02 July 1985 (02.07.1985), Col 1.</td>
<td>53-94</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,195,960 A (HOSSAIN) 23 March 1993 (23.03.1993) Fig 9</td>
<td>52-93</td>
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<td>X</td>
<td>US 5,733,319 A (NEILSON et al) 31 March 1998 (31.03.1998) Fig 1</td>
<td>1-52</td>
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<tr>
<td>X</td>
<td>US 6,224,578 B1 (DAVIS et al) 01 May 2001 (01.05.2001) Fig 2.</td>
<td>95-144</td>
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</tbody>
</table>

**Date of the actual completion of the international search:
02 May 2007 (02.05.2007)**

**Date of mailing of the international search report:
29 MAY 2007**

**Authorized officer:**

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