Abstract: A system (10, 200) and corresponding method for introducing a drug delivery device (18, 218) through at least part of a biological barrier starts with the drug delivery device (18, 218) deployed within a channel of a hollow needle (12, 212). The hollow needle is inserted into the biological barrier and the drug delivery device is pushed forward by a suitable plunger. The drug delivery device is preferably anchored to the biological barrier through a radially expanding retention arrangement (36, 36', 36a), and is preferably filled with a liquid drug after deployment via a filling needle (24, 222) extending within the channel of the hollow needle (12, 212).
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— with international search report (Art. 21(3))
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
INTERNATIONAL SEARCH REPORT

International application No. PCT/IB12/51462

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) ... Box 1450, Alexandria, Virginia 22313-1450
USPC - 604/289, 294, 218
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]
IPC(8): A61M 5/315, 5/300 (2012.01)
USPC: 604/216, 187, 181, 104, 131, 506, 294, 500, 93.01, 48, 289

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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<tbody>
<tr>
<td>X</td>
<td>US 76416488 B2 (LESH, M) January 5, 2010, abstract; figures 8, 12, column 6, lines 18-24; column 12, lines 61-67; column 13, lines 1-14; column 14, lines 55-67; column 15, lines 1-18; column 24, lines 21-31; column 27, lines 29-42</td>
<td>1-5, 7-16</td>
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<td>Y</td>
<td>US 2009/0264813 A1 (CHANG, JN et al) October 22, 2009, abstract; figures 1, 2, 3A, 3B; paragraphs [0075], [0081], [0088], [0089]</td>
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<tr>
<td>A</td>
<td>US 2010/0010468 A1 (BECKER, B) July 1, 2009, abstract; figures 44-51</td>
<td>1, 10, 11, 14, 16</td>
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<td>A</td>
<td>WO 2009/037384 A1 (IMMONEN, I) March 26, 2009, abstract; page 4, lines 4-17; page 7, lines 1-9; Claims 1, 10, 13; figures 4-6</td>
<td>10, 14, 15</td>
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<td>A</td>
<td>US 7361 168 B2 (MAKOWER, J) April 22, 2008, claim 1</td>
<td>1-16</td>
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<td>A</td>
<td>US 6719750 B2 (VARNER, S. E) April 13, 2004, columns 8-10</td>
<td>10, 11, 14</td>
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<td>A</td>
<td>US 5972369 A (ROORDA, W. E) October 26, 1999, claims 1-13</td>
<td>10, 11, 14</td>
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<tr>
<td>A</td>
<td>US 5824072 A (WONG, V. G) October 20, 1998, column 6, lines 50-67</td>
<td>10, 11, 14</td>
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Date of the actual completion of the international search
08 August, 2012 (08.08.2012)

Date of mailing of the international search report
19 SEP 2012

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