Title: NONDEGRADABLE HYDROGELS FOR MEDICAL DEVICE APPLICATION

Abstract: Disclosed are nondegradable hydrogels used to coat or form at least a portion of a medical device. The hydrogels may be formed from functionalized PEG based macromers. These hydrogels are easy to sterilize, transport and store. Methods of forming these hydrogels as described herein are included.
A. CLASSIFICATION OF SUBJECT MATTER
INV. A61L31/04 A61L31/10 A61L31/16
ADD.

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)
A61L

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

<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>
</table>

Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search
Date 22 April 2010

Name and mailing address of the ISA/
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk
Tel. (+31-70) 340-2040; Fax. (+31-70) 340-3016

Authorized officer
Messemanne, Jasmine

Form PCT/ISA/210 (second sheet) (April 2005)
<table>
<thead>
<tr>
<th>Patent document cited in search report</th>
<th>Publication date</th>
<th>Patent family member(s)</th>
<th>Publication date</th>
</tr>
</thead>
<tbody>
<tr>
<td>US 2007128681 A1</td>
<td>07-06-2007</td>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>