Title: PARYLENE-COATED SILICONE T-TUBES AND METHOD OF USE THEREOF

Abstract: Parylene-coated silicone T-tubes that exhibit a certain biocompatible relationship such that the occurrence of obstruction due to mucous secretion and the occurrence of granulation tissue formation is minimal, if not avoided, and further demonstrate desired chemical resistance to acidic and/or corrosive bodily elements, thus enabling an improved method for rehabilitation of tracheal stenosis, for temporary aid in laryngotracheal injuries, for support of a reconstituted trachea, and for providing an airway for irreparable cervical trachea.
### INTERNATIONAL SEARCH REPORT

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61F 2/06  
US CL : 623/1.15, 1.35, 1.42-1.46  
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. : 623/1.15, 1.35, 1.42-1.46

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)

EAST - Parylene, stent

### 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>X, P</td>
<td>US 2003/0093141 A1 (Dimatteo et al.) 15 May 2003, see paragraph 25 to paragraph 63</td>
<td>1.5, 6, 12-15</td>
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<td></td>
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<td>2-4, 7-9</td>
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<tr>
<td>Y, P</td>
<td>US 2003/0125800 A1 (Shulze et al.) 3 July 2003, see paragraph 43 to paragraph 161</td>
<td>1.5, 6, 12-15</td>
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<td>2-4, 7-9</td>
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<td>X</td>
<td>US 5,609,629 (Fearnot et al.) 11 March 1997, see col. 6 to col. 15</td>
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<td>11 and 16</td>
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[ ] Further documents are listed in the continuation of Box C.  [x] See patent family annex.

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* "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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**Date of the actual completion of the international search**

09 August 2004 (09.08.2004)

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