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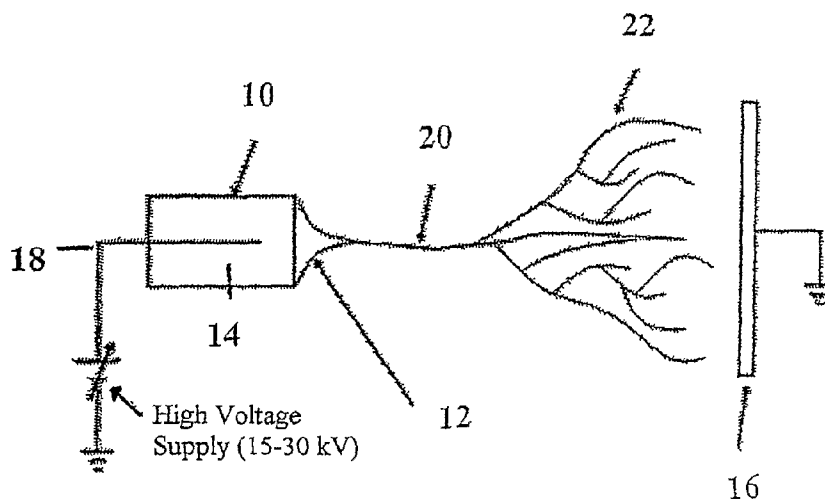
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[Continued on next page]

(54) Title: TISSUE ENGINEERED BLOOD VESSELS



(57) Abstract: The invention is directed to methods for preparing artificial blood vessels by preconditioning a matrix seeded with endothelial cells to fluid flow conditions that mimic blood flow.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61L27/38 A61L27/50

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 200 19 928 U1 (AUTO TISSUE GMBH [DE]) 15 February 2001 (2001-02-15) page 1, lines 9,10 page 3, lines 1-19 page 6, lines 20-23 page 7, lines 9-35 page 8, lines 8-21 page 9, lines 5-10 figure 1 ----- -/--	1-5,7, 9-12

Further documents are listed in the continuation of Box C.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>OTT MARK J ET AL: "SHEAR-STRESS-CONDITIONED, ENDOTHELIAL CELL-SEEDED VASCULAR GRAFTS: IMPROVED CELL ADHERENCE IN RESPONSE TO IN VITRO SHEAR STRESS" SURGERY, C.V. MOSBY CO., ST. LOUIS,, US, vol. 117, no. 3, 1995, pages 334-339, XP008070837 ISSN: 0039-6060 page 335 figure 1</p>	1-24
A	<p>DE 199 19 625 A1 (HOERSTRUP SIMON PHILIPP [CH]; ZUEND GREGOR [CH] SYMETIS AG ZUERICH [CH] 30 November 2000 (2000-11-30) columns 4,5,8,9 claims 1,2,23</p>	1-3, 5-10,23
A	<p>WO 01/37884 A2 (CYTOGRAFT TISSUE ENGINEERING I [US]; MCALLISTER TODD N [US]; HEUREUX N) 31 May 2001 (2001-05-31) abstract; figure 1</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2006/009034

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