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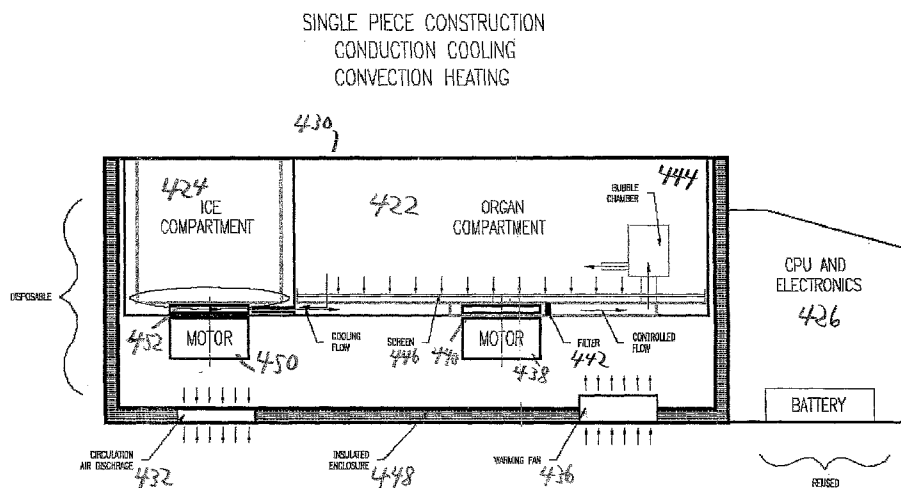
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### SINGLE DISPOSABLE CONTAINER WITH CONDUCTION COOLING AND REMOVABLE CONTROLS



(57) Abstract: Methods and apparatuses for exsanguination or replacement of blood in a tissue are presented. These methods and apparatuses may be used to preserve and prepare an organ or other tissue for transplantation while increasing the likelihood of a successful procedure. Improved methods are also provided for the splitting of organs and other tissues.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/33365

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(8) - A01N 1/00 (2008.04) USPC - 435/1.1, 1.2 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC(8) - A01N 1/00 (2008.04) USPC - 435/1.1, 1.2 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC - 435/1.1, 1.2 (Text Search) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST (PGPB, USPT, USOC, EPAB, JPAB); DialogPRO (Engineering); PubMed and Google Scholar. Search Terms: machine perfusion, centrifugal pump, centrifugal, pump, exsanguination, blood, replace, replacing, replacement, battery, therapeutic, pharmaceutical, artificial blood, Vasosol, split, splitting, tissue, organ, liver		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---- Y	US 6,100,082 A (HASSANEIN) 08 August 2000 (08.08.2000) claim 1; col 2, ln 57-67; col 3, ln 1-17, 51-67; col 4, ln 1-13, 22-26, 56-67; col 5, ln 1-28; col 7, ln 12-22; col 10, ln 38-61.	37-40 and 42-46 ----- 1-36 and 41
Y	US 2003/0118980 A1 (TAYLOR) 26 June 2003 (26.06.2003) para [0020], [0043], [0044], [0061].	1-36
Y	US 6,046,046 A (HASSANEIN) 04 April 2000 (04.04.2000) col 3, ln 66-67; col 4, ln 1-15; col 28, ln 65-67; col 29, 1-3.	19 and 20
Y	US 2004/0224298 A1 (BRASSIL et al.) 11 November 2004 (11.11.2004) para [0027], [0029], [0065], [0066], [0072], [0202].	28 and 31
Y	GUARRERA, J.V. et al. Hypothermic Machine Perfusion of Liver Grafts for Transplantation: Technical Development in Human Discard and Miniature Swine Models. Transplantation Proceedings. January-February 2005, Vol. 37, Issue 1, pages 323-325: abstract.	29 and 41
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/>		
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Date of the actual completion of the international search 21 August 2008 (21.08.2008)		Date of mailing of the international search report <b>28 AUG 2008</b>
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774