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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LUNG DEVICE WITH SEALING FEATURES

(57) Abstract: This invention relates generally to a design of lung devices for safely performing a transthoracic procedure. In particular, the invention provides devices and methods of using these devices to access the thoracic cavity with minimal risk of causing pneumothorax or hemothorax. More specifically, the invention enables diagnostic and therapeutic access to a thoracic cavity using large bore instruments. This invention also provides a method for diagnostic and therapeutic procedures using a device capable of sealing the wound upon withdrawal of the device. The invention includes a device comprising an elongated body adapted to make contact with a tissue of a subject through an access hole, and a sealant delivery element. The invention also includes a method of performing tissue treatment or diagnosis in a subject.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/24173

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61M 5/178(2006.01)

USPC: 604/164.01

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. : 604/164.01, 523, 264

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

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5261889 (LAINE et al.) 16 November 1993 (16.11.1993), see entire patent.	1-66
Y	US 6736822 (McClellan et al.) 18 May 2004 (18.05.2004), see entire patent.	1-66

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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