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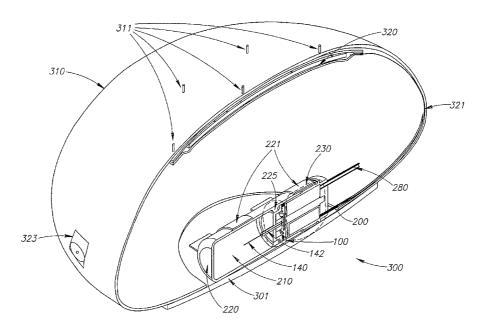
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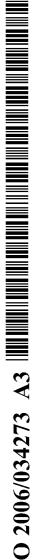
 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: TISSUE EXPANSION DEVICES



(57) Abstract: A tissue expansion device, the device (300) comprising: (a) an expandable compartment (310) adapted for implanting in a body of a subject; and (b) a gas source (210) adapted for implanting in a body of a subject and operably connected to said expandable compartment for inflation thereof by transfer of a gas thereto.



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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.

Int anal application No PCT/US2005/033664

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A. CLASS	IFICATION OF SUBJECT MATTER A61B19/00 A61F2/12		
According t	o International Patent Classification (IPC) or to both national class	ification and IPC	
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	A61B A61F		
Documenta	tion searched other than minimum documentation to the extent the	at such documents are included in	the fields searched
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	oration of decarions, with includion, whose appropriate, or the	Televani passages	nelevant to claim No.
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			33-38
Ĭ.	column 1, line 7 - column 7, li figures 1-12	ne 19;	
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Υ			95-109 14-28,
			33-38
	page 1, line 6 - page 34, line 1-10	I/; figures	
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X Furth	ner documents are listed in the continuation of Box C.	See patent family anne	x.
* Special c	ategories of cited documents :	"T" later document published aff	ter the international filing date onflict with the application but
	ent defining the general state of the art which is not lered to be of particular relevance		nciple or theory underlying the
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which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another		hen the document is taken alone
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other r	ent published prior to the international filing date but	in the art.	eing obvious to a person skilled
	nan the priority date claimed actual completion of the international search	"&" document member of the sa Date of mailing of the interna	
10 March 2006		17/03/2006	
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	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Skorovs, P	

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C(Continua		PC1/US2005/033664	
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)				
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1. χ Claims Nos.: 115,116 because they relate to subject matter not required to be searched by this Authority, namely:				
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery				
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:				
I				
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows:				
see additional sheet				
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.				
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:				
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.				

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-63

A tissue expansion device comprising a gas source.

2. claims: 64-81

A gas flow regulation mechanism for a tissue expansion device.

3. claims: 82-94

A tissue expansion device comprising a fluid source, wherein said fluid source adapted to collect interstial fluid.

4. claims: 95-109

An external control device for an tissue expansion device.

5. claims: 110-112

A method of applying an antimicrobial agent to a tissue expansion device.

6. claims: 113,114,117

A system for determining a desirable tissue expansion program of a tissue expansion device.

7. claims: 118-122

A method of providing a plurality of protrusions on a surface of a tissue expansion device.

Information on patent family members

Ir onal application No PCT/US2005/033664

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