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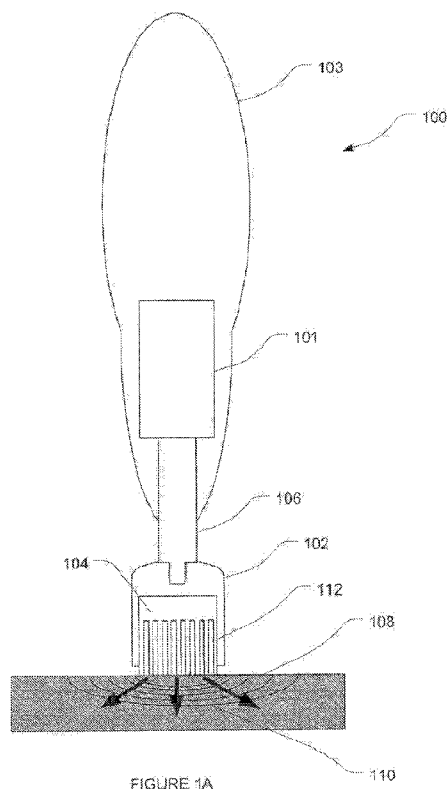
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[Continued on next page]

(54) Title: NON-INVASIVE AGENT APPLICATOR



(57) Abstract: There are disclosed systems and methods for non-invasive de-
livery of an agent to biological tissues. Delivery of the agent to the tissues is by
ultrasound and delivery induces an immune response in the subject. In some
embodiments the systems and methods use agent carrier body including a tissue
contacting surface for non-invasively engaging tissues under treatment. The tis-
sue contacting surface can be at least partly defined by a plurality of protru-
sions that are in fluid communication with one or more reservoirs forming part
of the agent carrier body. The protrusions may extend outward from an inside
of a void and terminate at said tissue contacting surface.



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LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

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)

EPODOC, TXTE and A61M 37/0092 and keywords: vaccine and mucous and epithelia and similar terms

Espace: Applicant and inventor name searches.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	Documents are listed in the continuation of Box C	



Further documents are listed in the continuation of Box C



See patent family annex

* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"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)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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1 December 2015

Date of mailing of the international search report
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INTERNATIONAL SEARCH REPORT		International application No.
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		PCT/AU2015/050707
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2005/0153873 A1 (CHAN et al.) 14 July 2005 paragraphs 6 to 8, 42, 46, 47, 121 and 200 to 204 paragraphs 6 to 8, 42, 46, 47, 121 and 200 to 204	1 to 19, 24 to 30 16 to 23
X Y	US 8870810 B2 (MITRAGOTRI et al.) 28 October 2014 column 29 line 45 to column 31 line 18 column 29 line 45 to column 31 line 18	1 to 15 16 to 23
X Y	US 6322532 B1 (D'SA et al.) 27 November 2001 column 1 lines 8 to 13, column 5 paragraphs 2 and 3 column 1 lines 8 to 13, column 5 paragraphs 2 and 3	1 to 15 16 to 23
Y	US 6440096 B1 (LASTOVICH et al.) 27 August 2002 figures 5 and 11	16 to 23
P,X	WO 2014/179840 A1 (MUPHARMA PTY LTD) 13 November 2014 page 3 lines 1 to 20, page 2 line 18	1 to 30

INTERNATIONAL SEARCH REPORT		International application No.	
Information on patent family members		PCT/AU2015/050707	
This Annex lists known patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.			
Patent Document/s Cited in Search Report		Patent Family Member/s	
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INTERNATIONAL SEARCH REPORT		International application No.	
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