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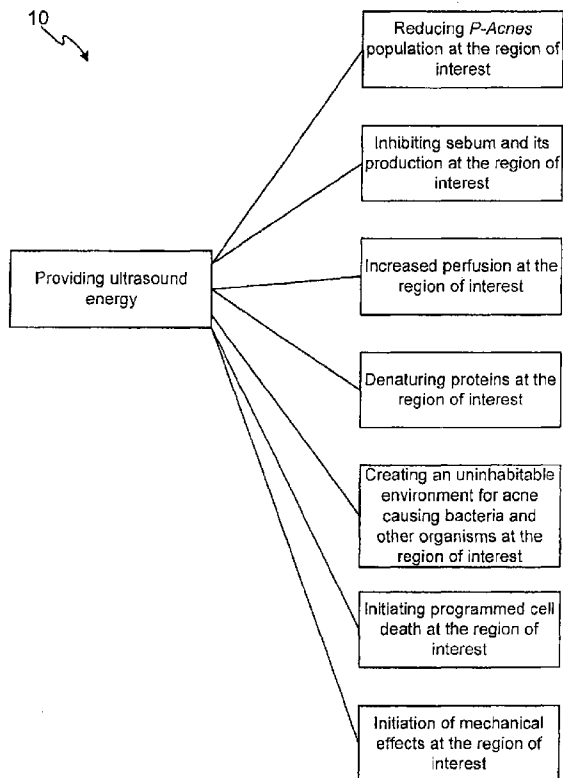
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(54) Title: METHOD AND SYSTEM FOR NON-ABLATIVE ACNE TREATMENT AND PREVENTION



(57) Abstract: A method and system for non-ablative acne treatment and prevention is disclosed. The method utilizes ultrasound energy which is targeted at a region of interest to treat existing acne and prevent future acne from forming. The application of ultrasound energy causes numerous physiological effects that treat acne. Some of these physiological effects comprise reducing sebum, increasing perfusion at the region of interest, denaturing proteins at the region of interest, creating an uninhabitable environment at the region of interest, initiating programmed cell death at the region of interest and the initiation of mechanical effects at the region of interest.

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PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) A61N		
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		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/042201 A (GUIDED THERAPY SYSTEMS L L C [US]; BARTHE PETER G [US]; SLAYTON MICHAEL) 20 April 2006 (2006-04-20) page 6, line 1 - page 7, line 29 page 24, lines 13-15	12
Y	-----	13
X	US 2002/156400 A1 (BABAEV EILAZ [US]) 24 October 2002 (2002-10-24) paragraphs [0014], [0019], [0031], [0052]; figure 2	12,13
Y	US 6 569 099 B1 (BABAEV EILAZ [US]) 27 May 2003 (2003-05-27) column 3, line 62 - column 6, line 26	13
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *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) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *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 *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 *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. *&* document member of the same patent family		
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Link, Tatiana

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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.
Y	DE 203 14 479 U1 (KRAUTH PETER GMBH [DE]) 12 February 2004 (2004-02-12) paragraphs [0001], [0012], [0033] -----	13
X	WO 2006/042168 A (GUIDED THERAPY SYSTEMS L L C [US]; BARTHE PETER G [US]; SLAYTON MICHAEL) 20 April 2006 (2006-04-20)	12
Y	the whole document -----	13

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/078712

Box No. 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. Claims Nos.: 1-11, 14-25
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 therapy
2. 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:
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 No. 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:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
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 and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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