



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| (51) International Patent Classification⁵ : A61K 35/56, 7/40, 7/32 | A3 | (11) International Publication Number: WO 92/15276 (43) International Publication Date: 17 September 1992 (17.09.92) |
| (21) International Application Number: PCT/US92/01334 (22) International Filing Date: 28 February 1992 (28.02.92) (30) Priority data: 663,257 1 March 1991 (01.03.91) US 756,167 6 September 1991 (06.09.91) US 837,831 25 February 1992 (25.02.92) US (71) Applicants: McGINNIS, Michael [US/ES]; Bellavista Enterprises, Inc., Calle Tormento, 2, Majadahonda, E-28220 Madrid (ES). BELLAVISTA ENTERPRISES, INC. [PA/PA]; Aroseman, Noreiga & Contreras, Edificio de Brasil, Calle Elvira Mendez, No. 10, Panama (PA). (72) Inventor: ABAD, Rafael ; Francisco Silvela, 54 - Dupl., E-28028 Madrid (ES). | | (74) Agent: KELLEY, Margaret, B.: Morgan & Finnegan, 345 Park Avenue, New York, NY 10154 (US). (81) Designated States: AT (European patent), AU, BE (European patent), BR, CA, CH (European patent), CS, DE (European patent), DK (European patent), ES (European patent), FR (European patent), GB (European patent), GR (European patent), HU, IT (European patent), JP, LU (European patent), MC (European patent), NL (European patent), NO, PL, RU, SE (European patent). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 12 November 1992 (12.11.92) |
| (54) Title: THERAPEUTIC AND COSMETIC COMPOSITIONS FOR TREATMENT OF SKIN (57) Abstract An active ingredient for a therapeutic or cosmetic composition is obtained from live gastropoda (e.g., snails) which are physically stimulated (e.g., by centrifuging) to cause secretion of a fluid which is then centrifuged and filtered. Preferably the gastropoda are fasted prior to the physical stimulation. The therapeutic or cosmetic compositions contain about 0.1-30 % of the active ingredient which is a mixture of amino acids and atoxic substances, an effective amount of an excipient preferred for use with biologically active ingredients, and other conventional ingredients provided they do not affect the stability and/or the activity. The therapeutic composition, in the form of a topical cream, can be used to treat various types of burns, dermatitis, eczema, diaper rash, and difficult to heal wounds. It can also be used to prevent skin cancer and radiodermatitis. The cosmetic composition can be used as hand and face creams, an anti-wrinkle cream, a sunscreen cream, a moisturizing lotion, and a deodorant. | | |

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 92/01334

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|--|--|-------------------------------------|---|--|
| I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁶ | | | | |
| According to International Patent Classification (IPC) or to both National Classification and IPC Int.Cl. 5 A61K35/56; A61K7/40; A61K7/32 | | | | |
| II. FIELDS SEARCHED | | | | |
| Minimum Documentation Searched ⁷ | | | | |
| Classification System | Classification Symbols | | | |
| Int.Cl. 5 | A61K | | | |
| Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸ | | | | |
| III. DOCUMENTS CONSIDERED TO BE RELEVANT⁹ | | | | |
| Category ^o | Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹² | Relevant to Claim No. ¹³ | | |
| X | DE,A,1 813 154 (HELMUT SEUSS) 2 July 1970 see the whole document --- | 1-41 | | |
| X | CHEMISCHES ZENTRALBLATT vol. 25, 1962, BERLIN, DE page 9182; G. BRAMBILLA ET AL.: 'ERSTE VERSUCHE UBER DIE VERWENDUNG VON EXTRACTEN AUS HELIX POMATIA L. UND VERWANDTEN ARTEN IN DER KOSMETIK.' * LAST ABSTRACT * & RIV. ITAL. ESSENZE, PROFUMI, PIANTE OFFICIN., OLII VEGET., SAPONI. vol. 41, December 1959, pages 575 - 576; | 1-41 | | |
| X | FR,A,2 595 247 (SEDERMA S.A.) 11 September 1987 see the whole document --- -/-- | 1-41 | | |
| <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; padding: 5px;"> ^o Special categories of cited documents :¹⁰ "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 </td> <td style="width: 50%; vertical-align: top; padding: 5px;"> "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 "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. "A" document member of the same patent family </td> </tr> </table> | | | ^o Special categories of cited documents : ¹⁰ "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 "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. "A" document member of the same patent family |
| ^o Special categories of cited documents : ¹⁰ "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 "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. "A" document member of the same patent family | | | |
| IV. CERTIFICATION | | | | |
| Date of the Actual Completion of the International Search | Date of Mailing of this International Search Report | | | |
| 04 SEPTEMBER 1992 | 12. 10 92 | | | |
| International Searching Authority | Signature of Authorized Officer | | | |
| EUROPEAN PATENT OFFICE | RYCKEBOSCH | | | |

| III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET) | | |
|--|--|-----------------------|
| Category ° | Citation of Document, with indication, where appropriate, of the relevant passages | Relevant to Claim No. |
| X | FR,M,3 664 (ERCHIM S.A.) 1965 see the whole document --- | 1-41 |
| X | FR,A,2 146 909 (ERCHIM S.A.) 9 March 1973 see the whole document --- | 1-7 |
| X | DE,A,2 318 787 (DSO, PHARMACHIM) 24 October 1974 see the whole document --- | 1-7 |
| X | FR,M,1 501 (S.A. COMMERCE INDUSTRIEL AFRICAIN C.I.A.) 1962 see the whole document --- | 1-7 |
| X | US,A,2 686 144 (FIDEL GONZALEZ - BARCENA Y FONSDEVIELA) 10 August 1954 see the whole document --- | 1-7 |

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US92/01334

Box I Observations where certain claims were found unsearchable (Continuation of item 1 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.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 38-41 are directed to a method of treatment of the human/
animal body the search has been carried out and based on the alleged
effects of the compound/composition.
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 II Observations where unity of invention is lacking (Continuation of item 2 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 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.

**ANNEX TO THE INTERNATIONAL SEARCH REPORT
ON INTERNATIONAL PATENT APPLICATION NO. US 9201334
SA 58192**

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information. 04/09/92

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| DE-A-1813154 | 02-07-70 | None | |
| FR-A-2595247 | 11-09-87 | None | |
| FR-M-3664 | | None | |
| FR-A-2146909 | 09-03-73 | None | |
| DE-A-2318787 | 24-10-74 | None | |
| FR-M-1501 | | None | |
| US-A-2686144 | | None | |

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