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(21) International Application Number: PCT/NL97/00022 (22) International Filing Date: 23 January 1997 (23.01.97) (71)(72) Applicant and Inventor: VAN EIJSSELSTEIJN, Danny [NL/NL]; Vuurdoornstraat 25, NL-6101 MB Echt (NL). (74) Agent: VAN KAN, J., J., H.; Algemeen Octrooibureau, World Trade Center, P. Petersstraat 160, NL-5612 LV Eindhoven (NL).		(81) Designated States: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>In English translation (filed in Dutch).</i>
(54) Title: A GROWTH PROMOTING SUBSTANCE		
(57) Abstract		
<p>The invention relates to a powdery growth promoting substance with a base of substantially natural products, whereby said substance contains hop and any other components such as malt and wheat. The invention furthermore relates to tablets prepared with said substance as a base, to a method for preparing a liquid composition, and to the powders, tablets and liquid compositions for promoting local tissue growth.</p>		

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A growth promoting substance.

5 The invention relates to a powdery growth promoting substance with a base of substantially natural products. The invention furthermore relates to tablets and to a method for preparing a composition with a liquid as a base, viz. dissolved and/or suspended therein, and to the composition thus obtained, which is taken orally.

10 Growth promoting substances and in particular substances for changing the shape of the human body are generally known, but one drawback of these substances is that they exhibit undesirable side effects, because they are composed on a base of hormones and the like. Furthermore changes of the female figure are often carried out by implanting silicone prostheses, which has generally known drawbacks and which is very costly. Now a substance having a natural base has been found, which will produce
15 a visible and, for the person who takes the substance, tangible result after the substance has been taken for a relatively short period.

 The substance according to the invention is composed in the form of a powder, from which tablets are made or which is dissolved and/or suspended in water and subsequently taken by the user. It will also
20 be possible, of course, to market the composition in dissolved/suspended condition.

 The powdery substance according to the invention is characterized in that it contains hop. Furthermore the substance may contain malt and wheat.

25 The action of the substance may furthermore be stimulated by adding one or more materials selected from the group consisting of rye, barley, maize, oats and yeast. In order to mask the slightly bitter taste of this substance it is recommended to add flavouring substances, in particular substances having different flavours which are
30 known in connection with the preparation of instant pudding or the like.

 Furthermore it is preferable to use the above agricultural products in their most natural form, viz. in the form in which the products such as malt, wheat, barley, rye, maize and oats are harvested, that is, the whole grains complete with the pellicles. It is
35 furthermore preferred for the hop to be brewer's hop and the yeast to be baker's yeast.

Experiments have shown that 1000 g of substance is preferably composed of 100-300 g each of hop, malt and wheat, to which 150-250 g of rye may be added, with the balance of said 1000 g consisting of the other components, including substances which are neutral to the growth process, such as flavouring substances.

Preferably about 2 level teaspoonfuls (about 5 g) of the powdery substance are mixed with about 100 ml of water, which mixture is taken after stirring. When used on a daily basis a positive effect may be perceived after one month already.

The invention will be explained in more detail below by means of the following examples.

Example 1

200 g of hop, 200 g of malt and 200 g of wheat are mixed, whereby the cereals are whole grains, that is, complete with the pellicles, to which 200 g of rye are added. Then this mixture is furthermore mixed with 40 g of baker's yeast, 80 g of oats and 80 g of maize.

After the materials have been mixed to form a substantially homogeneous mixture, 5 g of the substance thus formed are suspended in 100 ml of water and stirred properly. Then the composition is taken by the user. After the substance has been taken once a day for one month, a positive result may already be expected with regard to the breast development.

Example 2

The composition of example 1 is prepared, whereby 160 g of oats and maize are substituted for 50 g of oats, 50 g of maize and 60 g of flavouring substance, viz. instant pudding powder with a raspberry flavour.

Example 3

140 g of rye, 140 g of wheat, 140 g of malt, 140 g of oats, 140 g of maize and 300 g of barley are mixed, to which mixture 200 g of hop are added.

After intensive mixing of these components to provide a homogeneous mixture weighing 1200 g, 1200 tablets, each having a weight of 1 g, are formed from said mixture.

Said tablets will produce an intended result after being taken in an amount of 10 tablets per day for a period of 60 days.

CLAIMS

1. A powdery growth promoting substance with a base of substantially natural products, characterized in that said substance contains hop.

2. A powdery growth promoting substance with a base of substantially natural products, characterized in that said substance contains hop, malt and barley.

3. A substance according to claim 1, characterized in that said substance contains rye.

4. A substance according to any one of the preceding claims, characterized in that said substance contains barley.

5. A substance according to any one of the preceding claims, characterized in that said substance contains maize.

6. A substance according to any one of the preceding claims, characterized in that said substance contains oats.

7. A substance according to any one of the preceding claims, characterized in that said substance contains yeast.

8. A substance according to any one of the preceding claims, characterized in that said substance contains flavouring substances.

9. A substance according to claim 1, characterized in that 1000 g of said substance contain 100 - 300 g each of hop, malt and barley.

10. A substance according to claim 2, characterized in that 1000 g of said substance contain 150 - 250 g each of hop, malt and barley.

11. A substance according to claims 3, 9 - 10, characterized in that said substance contains 100-300 g of rye.

12. A substance according to claims 4 - 11, characterized in that the balance of said 1000 g consists of barley, oats, maize and/or yeast and/or flavouring substances.

13. Tablets made with the substance as defined in claims 1 - 12 as a base.

14. Tablets according to claim 13, characterized in that said tablets have a weight of 0.5 - 2 g.

15. A method for preparing a growth promoting composition with a liquid as a base, viz. dissolved and/or suspended therein, characterized in that the substance referred to in any one or more of the claims 1 - 12 is mixed with water.

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16. A method according to claim 15, characterized in that 2-10 g of said substance is mixed with 100 ml of water.

17. A composition for promoting local tissue growth, characterized in that the composition is prepared in accordance with a method as described in claims 15-16.

INTERNATIONAL SEARCH REPORT

Intern: 1 Application No
PCT/NL 97/00022

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 A61K35/78 A23L1/10

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)
IPC 6 A61K A23L

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 655 820 A (AUBERT SERGE) 21 June 1991 -----	

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Patent family members are listed in annex.

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Information on patent family members

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FR 2655820 A	21-06-91	NONE	
