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(71) Applicant: **Galvez, Aristonico Casas**
28600 Navalcarnero, Madrid (ES)

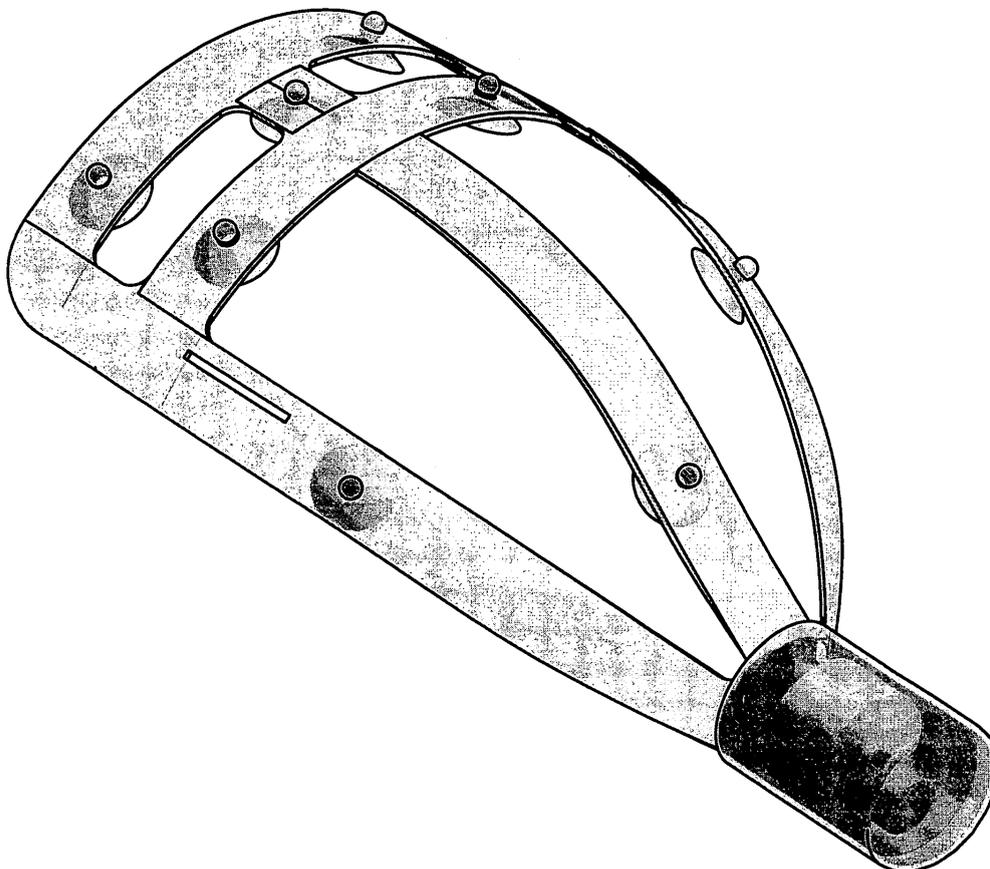
(72) Inventor: **Galvez, Aristonico Casas**
28600 Navalcarnero, Madrid (ES)

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(54) **Capillary massage suction cups under curves stripes covering a semi spherical transition area in order to make up a floating pivot instead of a perimeter structure, for reactivating the circulation of the blood in the scalp**

(57) Capillary massage suction cups for reactivating the circulation of the blood in the scalp under curves stripes covering a semi spherical transition area in order to make up a floating pivot instead of a perimeter head

structure finished in a cylindrical lodging which houses an electric motor with a no centred shaft which spins around and produces vibration repercussed to the structure which pivots on the suction cups which providing massage on the scalp.



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Description**Technical sector**

[0001] The invention is included in the sector of portable electrical domestic appliances for personal care.

Technical conditions

[0002] At the moment, in the sector of electrical domestic appliances for massaging the scalp, there are patented many different kinds of vibrating helmets and harnesses, but these designs, at best -some of them are technically unviable and work in paper only-simply transmit the vibration. Besides they do it in a non pleasant way because these designs go around the perimeter of the head and produce undesirable vibrations and blurring vision.

[0003] The advantages of the invention

1-This structure don't go around the head's perimeter, but lies on her; and this way exclusively works on the losing hair area. By that we obtain a more efficient massage and a non damaging effect on vision.

2-It's a floating structure: This structure don't touch the head.

3-It's a pivotal structure: It moves around the neck of the suction cups, which really provide the massage. This is the more important advantage and it's caused by the aforementioned features, having in mind that it doesn't go around the head and at the same time is floating on the suction cups, pivots around their necks and provides a massage and not only vibration.

[0004] Capillary massage suction cups for reactivating the circulation of the blood in the scalp under curves stripes covering a semi spherical transition area in order to make up a floating pivot instead of a perimeter head structure finished in a cylindrical lodging which houses an electric motor with a no centred shaft which spins around and produces vibration repercussed to the structure which pivots on the suction cups which providing massage on the scalp.

The method by which the invention is made

[0005] The method to manufacture this prototype consist of three longitudinal aluminium stripes 20 mms width extended from the forefront to the crown, located one in the center of the imaginary line that follows the nose and from where the hair starts (H.S, from now on) more or less 205 mms, and the other two, around 210 mms, at 45 degrees in both sides of the central stripe, where begins the losing hair areas. Extremes are linked with a transversal 140 mms stripe laying on the H.S, parallel to this and at a distance of 17.75 mms there is another

stripe 160 mms length. On the back side, on the crown, the three endings of the longitudinal stripes are linked to a 32 mms cylinder which houses the motor with a 1x1.5 mms non centered weight joined to the shaft. Nine supporting points -on suction cups- hold the framework and a strap has been added so that the device can be attached to the back of the neck or under the chin. It's industrial manufacture requires plastics injections moulds.

Details of the diagram**[0006]**

- 15 1. Massage suction cups.
2. Stripes which builds the structure.
3. Motor box.
4. Motor box cover.
5. Motor.
- 20 6. No centred shaft.
7. Cable.
8. Plug.
9. Notch for fastening belt.

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Claims

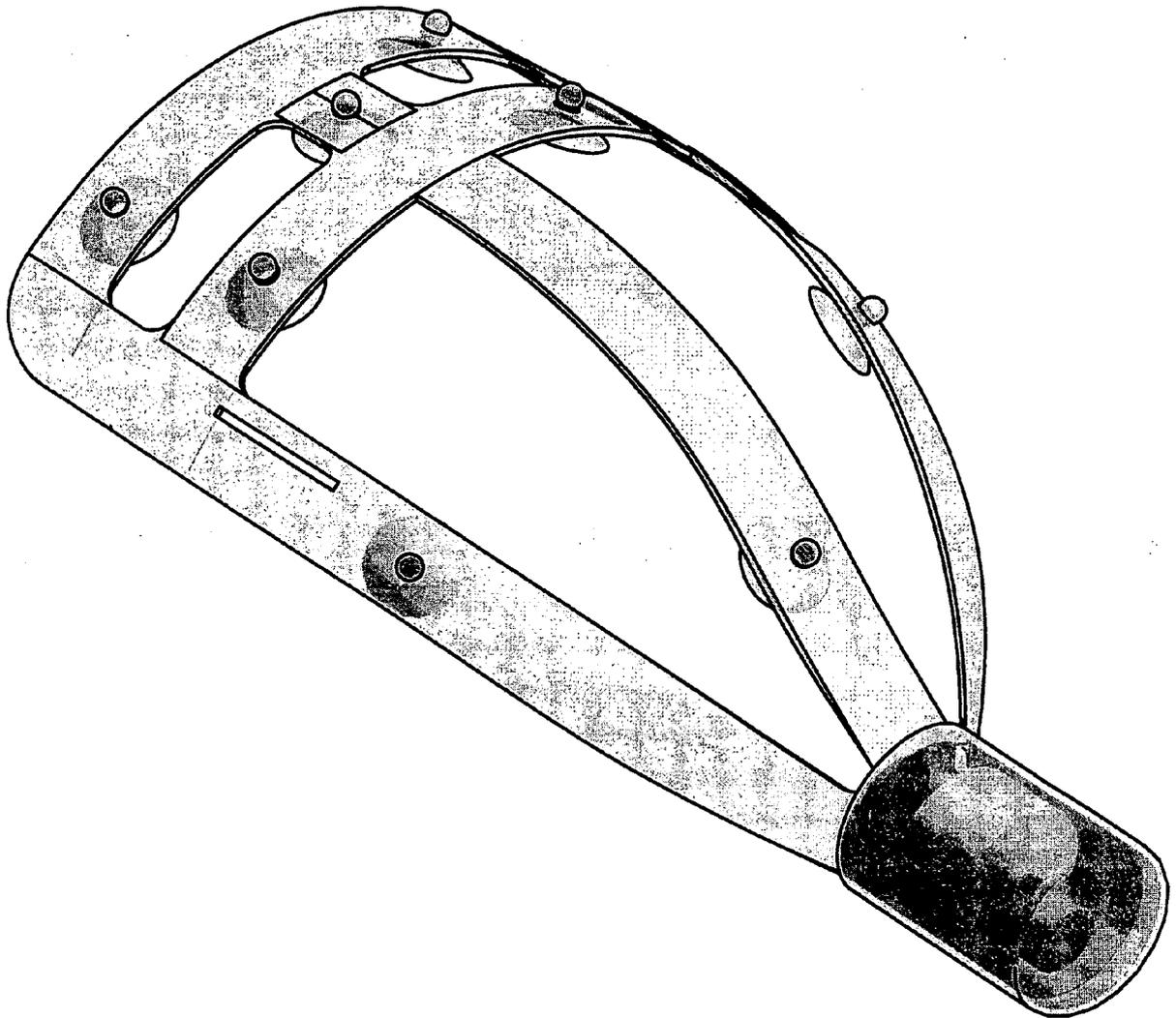
1. Capillary massage suction cups under curves stripes covering a semi spherical transition area in order to make up a floating pivot instead of a perimeter head structure finished in a cylindrical lodging which houses an electric motor with a no centred shaft which spins around and produce vibration repercussed to the structure which pivots on the suction cups which provides massage on the scalp cups for reactivating the circulation of the blood in the scalp.

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DOCUMENTS CONSIDERED TO BE RELEVANT			
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 February 2008	Examiner Knoflachner, Nikolaus
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82