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(54) THERAPEUTIC EARRING

(57) It consists of a type of earring or piercing intended to be implanted on the tragus or cartilaginous projection of the ear located above the auditory meatus. The earring has three appendices (5) on its inner face, which determine three needles that press on the tragus

(6) at points identified in Chinese medicine as "heart," "hunger," and "anxiety and stress," allowing for the treatment of anxiety, depression, hypertension, stress, insomnia, addictions, and weight loss, all without needing to visit a clinic.

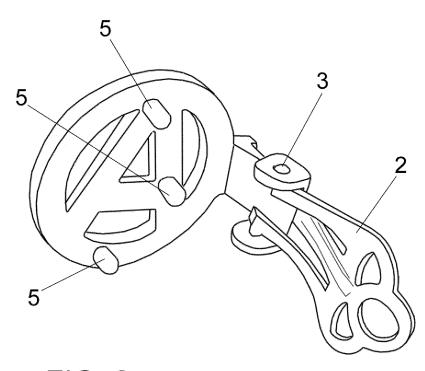


FIG. 2

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OBJECT OF THE INVENTION

[0001] The present invention relates to a therapeutic earring, based on the knowledge acquired from traditional Chinese medicine.

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[0002] It is a device based on pressure acupuncture (non-piercing), specially designed for the treatment of anxiety, depression, hypertension, stress, insomnia, addictions, and weight loss.

BACKGROUND OF THE INVENTION

[0003] Today's lifestyle increasingly leads to more stress, anxiety, and poor nutrition.

[0004] All of this, combined over long and sometimes shorter periods, leads to health deterioration, which is sometimes irreversible.

[0005] To address this issue, traditional Chinese medicine, recognized since 1979 by the WHO, offers treatments for more than 50 diseases based on acupuncture. [0006] Within this type of medicine, two different techniques are known: piercing acupuncture and pressure acupuncture.

[0007] In either case, the problem with these techniques is that it is necessary to visit a clinic for treatment by specialized personnel, which involves undesirable costs and time availability.

DESCRIPTION OF THE INVENTION

[0008] The therapeutic earring proposed by the invention satisfactorily solves the problem mentioned above with a simple yet highly effective solution.

[0009] To this end, and more specifically, the device of the invention is constituted from a type of earring or piercing, intended to be implanted in the tragus of the ear, that is, in the cartilaginous projection of the ear located above the auditory meatus.

[0010] This device includes an ornamental element to which a foldable clip is attached, with the peculiarity that from the inner side of the ornamental element, three non-piercing pressure needles emerge, intended to contact the "heart," "hunger," and "anxiety and stress" points defined by traditional Chinese medicine in that area of the tragus of the ear.

[0011] Consequently, the application of the earring in this area will ensure that the needles press on these strategic points, allowing for the treatment of anxiety, depression, insomnia, addictions such as smoking, as well as calming hunger and reducing hypertension.

[0012] In this way, it stimulates the points described above without the need to visit a clinic, offering an advantage both economically and in terms of free time, resulting in a device that is easy to apply, adaptable to countless decorative designs on the outer ornamental face of the device, attractive, functional, and with results

backed by traditional Chinese medicine and the WHO.

BRIEF DESCRIPTION OF THE DRAWINGS

[0013] To complement the description that will be made below and to aid in a better understanding of the features of the invention, according to a preferred example of practical implementation, a set of drawings is included as an integral part of this description, in which, for illustrative and non-limiting purposes, the following is represented:

- Figure 1: Shows a perspective view of a therapeutic earring made according to the object of the present invention.
- **Figures 2 and 3:** Show different perspectives of the device from Figure 1 when opened.
- **Figure 4:** Finally shows a view of the device applied to the tragus of a user's ear.

PREFERRED EMBODIMENT OF THE INVENTION

[0014] As can be seen in the referenced figures, the device of the invention starts from the conventional structure of an earring, in which a body (1) is defined, whose outer face (4) has an ornamental function, which can be decorated according to different design lines without affecting the essence of the invention, and which is finished off through hinge means (3) in a foldable clip (2) that stabilizes the device in its operational position.

[0015] In line with the essence of the invention, it is planned that three appendices (5) determining three pressure needles emerge from the inner face of the body (1) of the earring.

[0016] As mentioned earlier, and as shown in Figure 4, the device of the invention is intended to be implanted in the tragus (6) or cartilaginous projection of the ear located above the auditory meatus.

[0017] In this sense, the appendices (5) determining the pressure needles are arranged so that when the foldable clip (2) is closed on the inner side of the tragus (6), these appendices press on the outer side of the tragus at three specific points, which Chinese medicine identifies as "heart," "hunger," and "anxiety and stress." These points form an obtuse-angled triangle where the upper appendix is separated by approximately 6 millimeters from the central appendix, and the latter by approximately 5 millimeters from the lower appendix, forming an angle of about 1450, with the upper and lower appendices being almost vertically aligned.

[0018] Based on this structure, and according to Chinese medicine, pressing these points allows treating anxiety, depression, insomnia, addictions, calming hunger, and reducing hypertension, all in a highly comfortable, quick, simple, and economical manner.

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Claims

- 1. Therapeutic earring, characterized by incorporating a body (1) with an outer face (4) that has an ornamental function, and that is finished off through hinge means (3) in a foldable clip (2) that stabilizes the device in its operational position on the tragus (6) or cartilaginous projection of the ear located above the auditory meatus, characterized in that three appendices (5) determining three pressure needles emerge from the inner face of the body (1) of the earring.
- 2. Therapeutic earring, according to claim 1, characterized in that the appendices (5) are arranged so that they press on the tragus (6) at points identified in Chinese medicine as "heart," "hunger," and "anxiety and stress."
- 3. Therapeutic earring, according to claims 1 and 2, characterized in that the appendices (5) form an obtuse-angled triangle where the upper appendix is separated by approximately 6 millimeters from the central appendix, and the latter by approximately 5 millimeters from the lower appendix, forming an angle of about 145°, with the upper and lower appendices being almost vertically aligned.

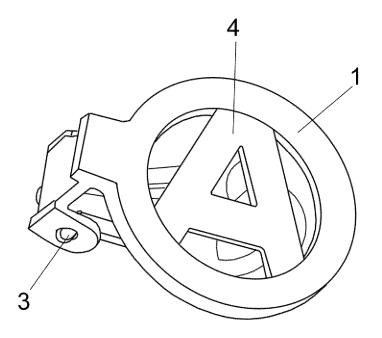


FIG. 1

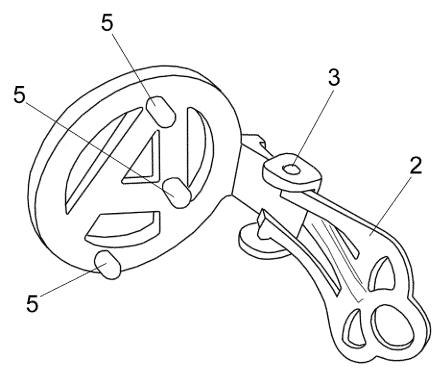


FIG. 2

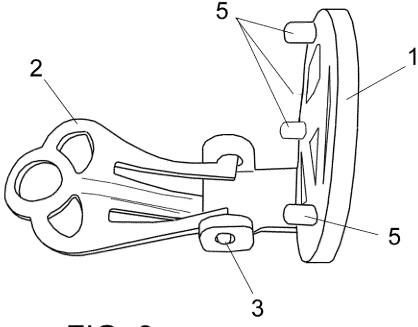
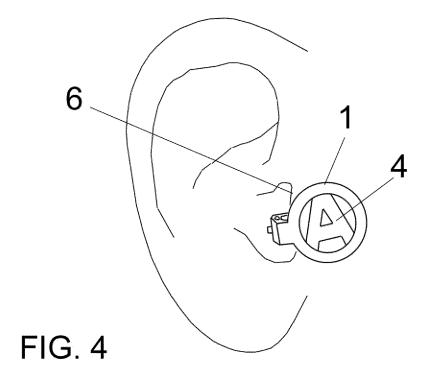


FIG. 3



INTERNATIONAL SEARCH REPORT

International application No.

PCT/ES2023/070313 5 A. CLASSIFICATION OF SUBJECT MATTER A61H39/04 (2006.01) A44C7/00 (2006.01) According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED 10 Minimum documentation searched (classification system followed by classification symbols) A61H, A44C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched 15 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPODOC, INVENES, WPI, INTERNET C. DOCUMENTS CONSIDERED TO BE RELEVANT 20 Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 2009235688 A1 (OH KYUNG JA) 24/09/2009, 1-3 Description: párr.0032-0049 Figures: 2-22 25 X US 5735143 A (TANAKA RYUZO) 07/04/1998, 1-3 Description: col.2, lín.40-col 4, lín.26. Figures: 1-7 30 JP 2003290315 A (KAWAGOE RUMIKO) 14/10/2003, X 1-3 Description. Figures WO 0164160 A2 (EAST WEST MEDICAL LLP ET AL.) 07/09/2001, A 2-3 Description. Figures 17-21, 29, 34, 43 35 A KR 20210106160 A (KONG YONG SUN) 30/08/2021, 2-3 Description: párr.0040-0043. figure 6A 40 Further documents are listed in the continuation of Box C. See patent family annex. later document published after the international filing date or Special categories of cited documents: "A" priority date and not in conflict with the application but cited document defining the general state of the art which is not to understand the principle or theory underlying the considered to be of particular relevance. invention "E" earlier document but published on or after the international 45 filing date document which may throw doubts on priority claim(s) or "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to which is cited to establish the publication date of another involve an inventive step when the document is taken alone citation or other special reason (as specified) document referring to an oral disclosure use, exhibition, or "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the other means. document is combined with one or more other documents ; document published prior to the international filing date but 50 such combination being obvious to a person skilled in the art later than the priority date claimed document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 22/12/2023 (28/12/2023) Name and mailing address of the ISA/ Authorized officer R. Bozal Callejo

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/ES2023/070313

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C (continu	C (continuation). DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of documents, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
A	A CENTRO IMG. Puntos del Trago. Puntos de Auriculoterapia, 11/06/2019 https://www.youtube.com/watch?v=ePMgFKqEuKs					
A	SAÚDE E HARMONIA. Tratamento Auricular, 29/11/2010 https://beautesaude.blogspot.com/2010/11/tratamento-auricular-saiba-como-achar.html?m=1	2-3				

Form PCT/ISA/210 (continuation of second sheet) (July 2022)

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	INTERNATIONAL SEARCH	I REPORT	International application No.		
	Information on patent family members	s	PCT/ES2023/070313		
5	Patent document cited in the search report	Publication date	Patent family member(s)	Publication date	
10	US2009235688 A1	24.09.2009	KR20090101545 A KR100973239B B1	29.09.2009 04.08.2010	
	US5735143 A	07.04.1998	JP3024378U U	21.05.1996	
	JP2003290315 A	14.10.2003	NONE		
20	WO0164160 A2	07.09.2001	KR20030003688 A US6458146 B1 US2003074020 A1 MXPA02008423 A JP2003524511 A EP1259209 A2 CA2400764 A1 AU3871201 A	10.01.2003 01.10.2002 17.04.2003 14.05.2004 19.08.2003 27.11.2002 07.09.2001 12.09.2001	
	KR20210106160 A	30.08.2021	NONE		
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