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(54) **APPARATUS FOR HELPING TO RUN**

(57) The device (1) comprises: a support structure (2); fixing means, designed to attach the support structure (2) to a wall; and a harness (4) that is attached, on one end, to said structure (2) and, on the other, to the user, wherein the harness (4) comprises, at least, an elastic section (8) that provides the user with a certain freedom of movement beyond the maximum length of the harness (4). The harness (4) also incorporates anchoring means (5, 6) to be attached to the support structure (2) and to the user. The device (1) makes it possible for users to engage in running at home, without the need to purchase complex machines or devices.

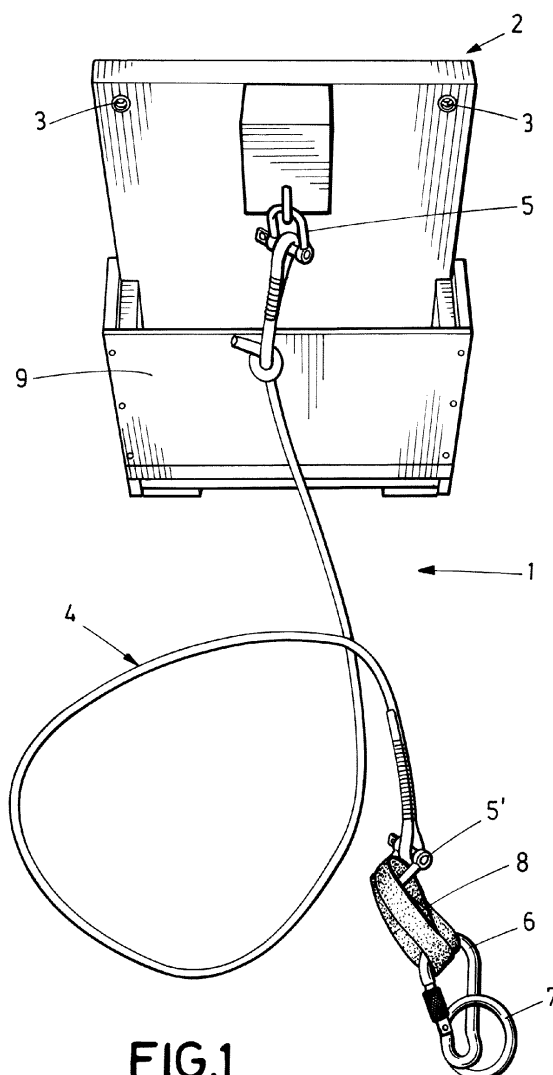


FIG.1

Description

OBJECT OF THE INVENTION

[0001] The field of application of the present invention falls within the industry sector devoted to the manufacturing of tools, equipment and devices designed to improve people's quality of life.

[0002] More particularly, the object of the invention focuses on a device whose purpose is to provide a practical, comfortable way of helping to run at home without the need to move away.

BACKGROUND OF THE INVENTION

[0003] As is commonly known, due to inclement weather conditions, sometimes it is not possible to leave home for running outdoors. The use of devices designed for indoor running has been disclosed, but these devices are very complex, sophisticated and expensive. The device for helping to run of the present invention makes it possible indoors running, in a simple manner and without the need to purchase costly devices.

DESCRIPTION OF THE INVENTION

[0004] In order to solve said problems, the invention proposes a device designed to helping to run, such that said exercise may be performed in a simple and comfortable manner wherever the device is installed, for example at home, without the need to move away.

[0005] To this end, said device essentially comprises a support structure, equipped with fixing means for allowing fixing thereof to a wall, preferably by means of screws, and a harness that is attached to said structure and to the user, for which purpose it is equipped with fast anchoring means.

[0006] Moreover, said harness has, preferably at the end that is attached to the user, usually by the waist, a section of elastic material which allows for a certain freedom of movement beyond the maximum length of the harness and which, therefore, determines the user's effort to overcome the tension thereof, when attempting to run with the harness attached to the waist.

[0007] In addition, it is worth noting that, in the preferred embodiment of the invention, the support structure is configured as a casing, which creates a precisely-sized housing wherein the harness described above may be kept when not in use and, moreover, allows for it to be subsequently used in a fast, practical manner, since said harness may be kept in the housing without the need to disassemble the anchoring that connects it to the support structure. To this end, the aforementioned casing is preferably open at the top, with an exit located just beneath the aforementioned anchoring.

[0008] Therefore, the device has the advantage of helping to run whenever the user so desires, without having to go out or move away from home, and without having

to purchase complex machines or devices.

DESCRIPTION OF THE DRAWINGS

[0009] In order to complement the description being made and in order to contribute to a better understanding of the characteristics of the invention, the present specification is accompanied, as an integral part thereof, by a diagram wherein, for illustrative, non-limiting purposes, the following is represented:

Figure 1.- Shows an upper perspective view of an embodiment of the device of the invention, which presents the main parts and elements that it comprises, as well as the configuration and arrangement thereof.

PREFERRED EMBODIMENT OF THE INVENTION

[0010] In view of the figure described above, Figure 1, and, on the basis of the numbering adopted therein, we observe a preferred, non-limiting embodiment of the proposed device for helping to run, which comprises the parts and elements specified and described in detail below.

[0011] According to said Figure 1, it is to observe that the device (1) in question is configured on the basis of a support structure (2) equipped with fixing means that allow for fixation thereof to a wall, for example, two or three openings (3) designed for the insertion of sleeper screws, and a harness (4) which, equipped with anchoring means (5, 6), is attached, on one end, to said structure (2) and, on the other, to the user, for example, to his/her waist.

[0012] Preferably, these anchoring means (5, 6) are quick-fixation means, and are composed of, for example, a first flange (5), designed for fixation to the support structure (2), and a hook (6), designed to be attached to the user, and which generally includes a ring (7).

[0013] Moreover, the harness (4), preferably located at the end that is attached to the user, is equipped with, at least, an elastic section (8) which grants it a certain freedom of movement beyond the maximum length of the harness and which, therefore, determines the effort to be made by the user in order to overcome the tension thereof. In the example represented, this elastic section (8) is attached to the harness (4) by means of a second flange (5'), which, in turn, is attached to the end of a rope making part of the elastic section (8) of the harness (4), although this does not meant to be a limitation.

[0014] As mentioned in the preceding sections, in the preferred embodiment of the invention, the support structure (2) is configured as a casing (9) that defines a housing (10) suitable to keep the harness therein (4).

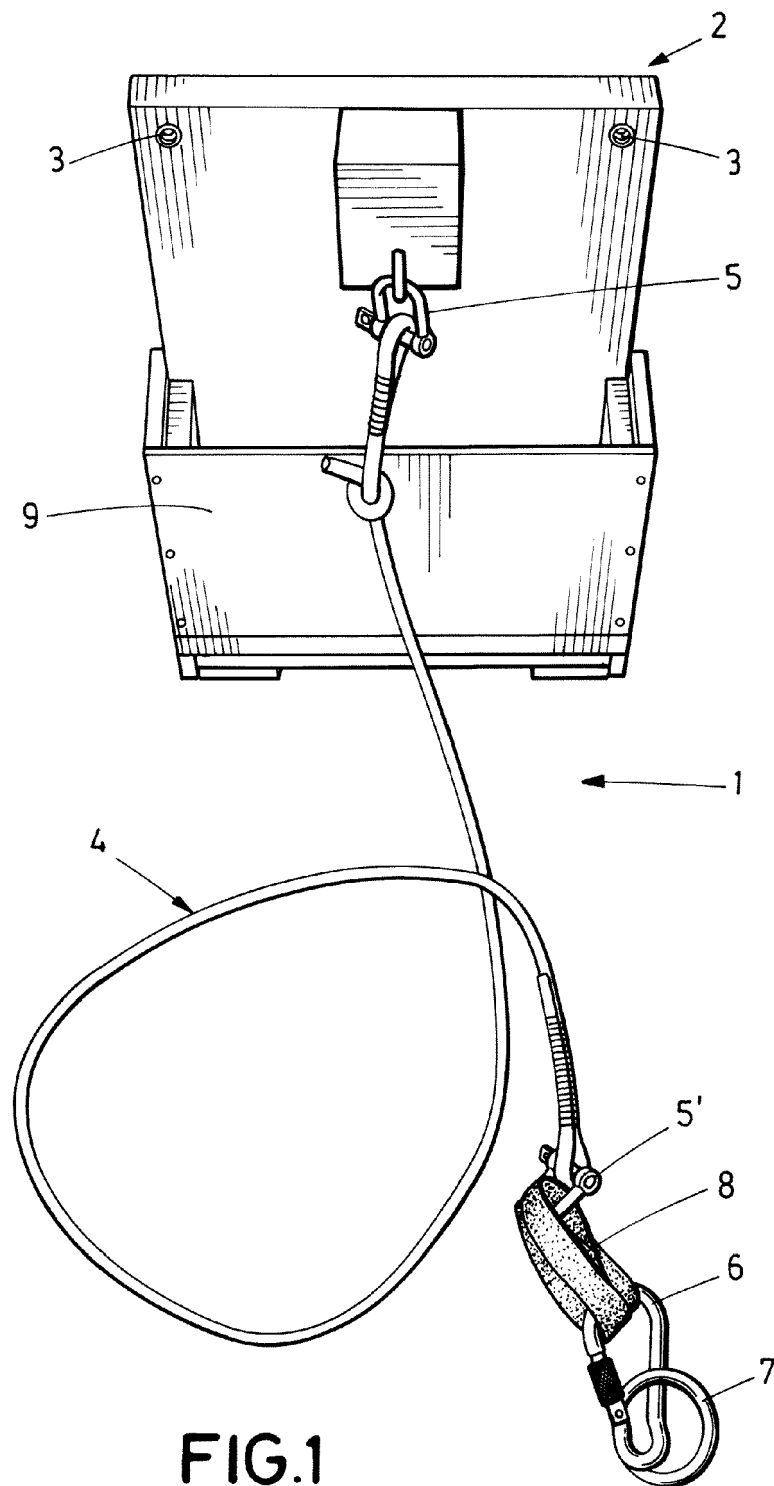
[0015] Finally, in the preferred configuration of said casing (9), an exit of the housing (10) is located on the upper part thereof, just beneath the anchoring (5) that attaches the harness (4) to the structure (2), such that the harness (4) may be kept inside said housing (10)

without the need to disassemble said anchoring (5).

Claims

1. Device for helping to run, **characterised in that** it comprises a support structure (2) equipped with fixing means that allow for fixation thereof to a wall, and a harness (4) which, equipped with anchoring means (5, 6), is attached, on one end, to said structure (2) and, on the other, to the user, wherein this harness (4) is equipped with, at least, an elastic section (8) for providing the user with a certain freedom of movement beyond a maximum length of the harness (4). 5
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2. Device for helping to run, according to claim 1, wherein the fixing means that allow for fixation of the support structure (2) to a wall comprise two or three openings (3) designed for the insertion of sleeper screws. 20
3. Device for helping to run, according to claims 1 or 2, wherein the anchoring means (5, 6) of the harness (4) are quick-fixation means. 25
4. Device for helping to run, according to claim 3, wherein the anchoring means (5, 6) of the harness (4) comprise a flange (5) designed to be attached to the support structure (2), and a hook (6) designed to be attached to the user. 30
5. Device for helping to run, according to any of claims 1-4, wherein the elastic section (8) of the harness (4) is located at the end of the harness (4) that is attached to the user. 35
6. Device for helping to run, according to any of claims 1-5, wherein the support structure (2) is configured as a casing (9) that defines a housing (10) designed to keep the harness therein (4). 40
7. Device for helping to run, according to claim 6, wherein the casing (9) is configured such that an exit of the housing (10) is located on the upper part and just beneath the anchoring (5) that attaches the harness (4) to the structure (2), in order to keep the harness (4) in said housing (10) when not in use, without the need to disassemble said anchoring (5). 45
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EUROPEAN SEARCH REPORT

 Application Number
 EP 16 38 2055

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 7 June 2016	Examiner Herry, Manuel
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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EP 16 38 2055

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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