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(54) **A floating element in order to form a predetermined zone on the surface of the water**

(57) A floating element in order to form a predetermined zone on the surface of the water; and it comprises a body (2), which provides staying on the water, and a joint point (3), which provides connection of the said body (2) to another body (2). A safety lane or a predetermined zone can be formed by the multiplicity of the bodies (2)

connected by the joint points (3). In this way, at the shores of seas, lakes and etc. a safe zone and the possibility to make sport in safe zone, which is isolated from the sea craft is provided to the swimmers.

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Description

TECHNICAL FIELD

[0001] Present invention is related to floating element in order to provide a safe zone or a safety line for protecting people against threats such as speed motorboats or boats in lakes, pools, seas; or in order to form a predetermined zone on the surface of the water.

PRIOR TECHNIQUE

[0002] Motorboats, boats or similar sea crafts might cause danger for the swimming people in places such as seashores, lakes or pools, where people are in water to swim. Especially, in the shores where water sports are done, the boats which have high velocities have hard time realizing people in water, and maneuvering. In addition to that, floating wastes that come from the surface of the water can contaminate the shore or beach.

[0003] The invention owner has not yet came across with any solution that is put out to solve the said problem. However, it is possible to see some pontoons and floats that are placed in order to determine the waypoints or turning points. Further, the floating lane chains used in the swimming pools in order to determine the lanes are used in pools or with special mechanisms also in seas for the same purpose. None of the said solutions have a form that can prevent contaminants to come from water surface, or can provide sufficient safety.

[0004] Consequently, the necessity of a mechanism that is used to form a safety zone or lane on the surface of the water and the inadequacy of the present solutions made it obligatory to make improvements in the related technical field.

BRIEF DESCRIPTION OF THE INVENTION

[0005] Present invention is related to a floating element used to form a predetermined zone on the surface of the water, which meets all of the requirements said above, and which eliminates all the disadvantages and presents some additional advantages.

[0006] The purpose of the invention is to provide a telescopic floating element in order to form a predetermined zone on the surface of the water.

[0007] Another purpose of the invention is to provide a floating element that can form a safety zone in order to provide isolation for the swimmers or sea crafts used for water sports at the shores of seas, lakes.

[0008] Another purpose of the invention is to provide a telescopic floating element, which can be fixed on some places on water surface in order to guide or yield the sea crafts.

[0009] In order to fulfill all the advantages said above and will be understood from the detailed explanations below, the present invention is a floating element in order to form a predetermined zone on the surface of the water,

and it comprises a body which ensures to stay on the water, and at least one joint point that provides connection with another body.

[0010] In another preferred embodiment, invention comprises at least one covering element which is placed between bodies, and which prevents the pollution in water from passing to the other side.

[0011] In another preferred embodiment of the invention, furthermore, the covering element preferably has a bellow shape.

[0012] In another preferred embodiment, invention also comprises a flag holder extending upwards from the covering element, and is fixed to the intersection of the joints.

[0013] In another preferred embodiment, invention also comprises an advertisement element on the edge of the flag holder or in between two flag holders.

[0014] In another preferred embodiment of the invention, invention forms a safety chain, which is formed by multiple said floating elements and the connection of the joints of these.

[0015] In another preferred embodiment, the invention also comprises a body extension, which is effective in the appearance of the floating element and which is placed in between the body and the joint point.

[0016] In another preferred embodiment of the present invention, flag holder also comprises a flag holder assembling apparatus, which enables the connection with the joint points.

[0017] In another preferred embodiment of the invention, further, it can be produced in the form of hollow cylinder, cube, pyramid or rectangular prism.

[0018] Structural and characteristic specialties and all of the advantages of the present invention will be understood more clearly with the figures and with the detailed explanation done in reference with the figures given below, because of this reason, the evaluation should be done considering these figures and the detailed explanation.

BRIEF DESCRIPTION OF THE FIGURES

[0019]

Figure 1 depicts a preferred embodiment of a covering element placed in the additional parts of the invention subject floating element.

Figure 2 depicts a preferred embodiment of the invention subject floating element.

Figure 3 depicts a preferred embodiment of a flag placed in the intersection points of the invention subject floating element, and the connection apparatus related to the flag.

Reference Numbers Used In the Figures

[0020]

- 1. Invention subject floating element
- 2. body
- 3. Joint point
- 4. Body extension
- 5. Covering element
- 5.1 Covering element connection end
- 6. Flag
- 7. Flag holder
- 8. Flag holder assembling apparatus
- 8.1 Flag holder assembly space
- 8.2 Apparatus assembly space
- 8.3 Apparatus assembly ends
- 9. Connection element
- 9.1 Tightening element

DETAILED DESCRIPTION OF THE INVENTION

[0021] In this detailed explanation, the preferred embodiments of the invention subject floating element (1) are explained aiming only to further clarify the subject, and without presenting any limitations.

[0022] As it can be seen from the figure 2, the invention subject floating element (1) comprises; a body (2) that can float on water, a joint point (3) preferably placed at both ends for connection to each other, and a covering element (5) in order to cover the joint point of two bodies (2). The invention subject floating element (1) can either be used as a pontoon without having connection the other elements (1), or it can form a safety lane by connecting each other from the joint points (3) shown in the figure. Floating member (1) can be used to measure the depth of the water in certain places of seas or pools. When the invention subject floating element (1) is connected to the other elements (1), a certain zone in sea can be isolated for the safety of the swimmers. In addition to these, it can be placed on the surface of the water as a guide to sea crafts or to mark a certain zone in the sea.

[0023] At shore site, in addition to forming a safe zone in order to be protected from the sea crafts, passage of the wastes that might come from the sea to the formed zone can also be prevented. In order to achieve that, in

between the connected floating elements (1), preferably a bellow is placed as a covering element (5). However, usage of the bellow as a covering element (5) does not cause any limiting effect. Connection can be achieved between the two floating elements (1) by the covering element connection end (5.1). The body extension (4) between the body (2) and the joint point (3) determines the length of the bellow which is to be connected in between. Said body extension (4) can preferably be in a triangular form, as well as an elliptic square form. Thus, connection is achieved by having a more steep descend from the body (2) to joint points (3). In this way, different appearances of the floating element (1) can be obtained. A flag holder (7) is placed upwards from the intersection point of joints (3). In this way, information writing can be placed on a flag (6) or between two flag holders (7) in order to exhibit some advertisement or various information. Flag holder (7) is placed on the joint points (3) by the help of a flag assembly apparatus. A preferred embodiment of the flag (6) and a flag holder (7) is shown in figure 3. Here, the flag (6) is directly placed on a space (8.1) on the flag assembly apparatus (8) by the help of a flag holder (7) beam. In order to fulfill the connection with the joint points (3), there are assembling ends (8.3) and space (8.2) positioned on the flag assembly apparatus (8). By using the connection (9) and tightening (9.1) elements, flag assembly apparatus (8) is firmly fitted to the joint points (3), and thus flag holder (7) passes through the covering element (5) and firmly fitted to the flag assembly apparatus (8).

[0024] A preferred embodiment of the covering element (5) is shown in figure 1. The covering element (5) both hides the bad appearance that is caused by the joint points (3) intersecting between the bodies (2) and prevents the pollution on the water surface to leak to the other side of the zone. Covering element (5) should have a form that can balance the movement of the bodies (2) on the water surface caused by the waves, wind and other reasons. As it can be seen from the figure 1, as the form of the covering element (5), in order to eliminate the said effects, to provide a proper appearance and to prevent the pollution that might come from the surface of the water or the contamination in water to pass through the other side of the zone, bellow form can be preferred. Body (2) can be produced in the form of a disc, that is circular; and also in form of a square or rectangle. That is to say, the body (2) can be produced in the form of a hollow cylinder, cube or rectangular prism. The length of the body (2) and the body extension (4) can alter the appearance of the floating element (1). Body (2) has a phosphorous form that makes it easier to be seen in water at night times. It is produced preferably in 50 cm - 6m in dimension, and constructed from impact resistant, unbreakable material. When bodies (2) connected to each other from the joint points (3), they constitute a chain appearance. It is possible to produce the body (2) in different colors. Further, a weight element can also be placed in the body (1) as it is done in pontoons in order

to make it stay stable on the surface of the water. The body (2) is resistant to the sea water, and it is not affected by the harmful effects of the sun. Body (2) having the form of a line by plugging it to the other bodies (2), and being produced in phosphorous colors increase its realization. This way, both the transition of the sea crafts to the marked zone, which is determined by its dimensions, is prevented; and the guide duty for the crafts is fulfilled. Since the bodies (2) are big, and that means the floating elements (1) are big, it ensures the safety of the formed and predetermined zone on the surface of the water. By fixing the body (2) on the surface of the water, drifting of the children or people who learned to swim recently can be prevented by the border that is formed by plugging the floating elements (1) to each other. By determination of the said border, movement area of the sea crafts and swimming area can be separated from each other.

[0025] The extent of the protection of this application is specified in the claims section, and it cannot be restricted to the representative application given above in this section. It is obvious that a skilled person in the art may introduce the changes brought by the invention using similar structures and / or may apply those in other fields. Therefore, it is also obvious that those kinds of structures will lack of the criterion that is about improving the present technique.

Claims

1. A floating element (1) in order to form a predetermined zone on the surface of the water, and it is **characterized in that** it comprises a body (2), which provides staying on the water, and at least one joint point (3), which provides connection of the said body (2) to another body (2).
2. A floating element (1) according to claim 1, and it is **characterized in that** it comprises at least one covering element (5), which is placed in between the said bodies (2) and which prevents the pollution coming from the surface of the water to pass through the other side.
3. A covering element (5) according to claim 2, and it is **characterized in that** it has a form of preferably a bellow.
4. A floating element (1) according to claim 1, and it is **characterized in that** it comprises a flag holder (7), which is fixed to the intersection point formed by said joints (3) and extending up from the covering element (5).
5. A flag holder (7) according to claim 4, and it is **characterized in that** it comprises an advertisement element on the edge zone of the said flag holder (7), or a flag (6) or in between two flag holders (7).
6. A floating element (1) according to claim 1, and it is **characterized in that** it forms a safety chain from the multiplicity of said floating element (1) by connecting the joint points (3).
7. A floating element (1) according to claim 1, and it is **characterized in that** it comprises a body extension (4), which is placed between the said body (2) and the joint point (3) and which is effective on the appearance of the said element (1).
8. A floating element (1) according to claim 1, and it is **characterized in that** it comprises a flag holder assembling apparatus (8), which provides the connection of the said flag holder (7) to the said joint points (3).
9. A body (2) according to claim 1, and it is **characterized in that** wherein said body can be produced in the form of a hollow cylinder, cube, pyramid or rectangular prism.

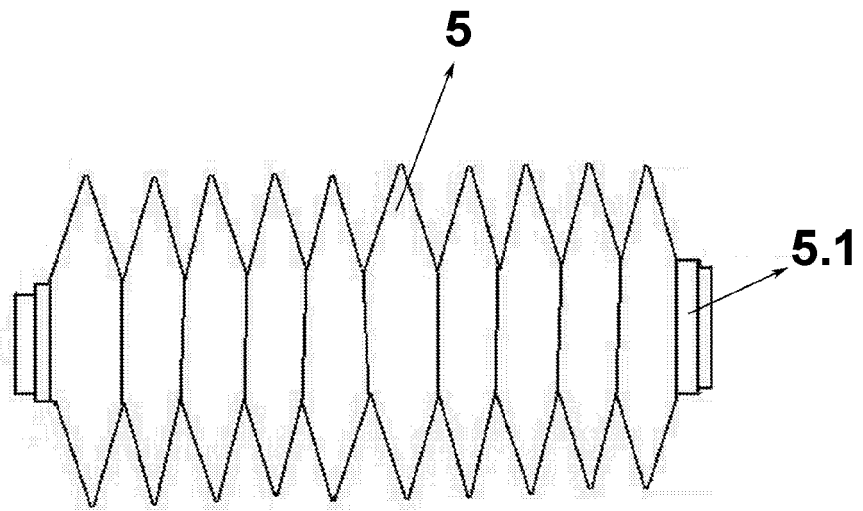


Figure 1

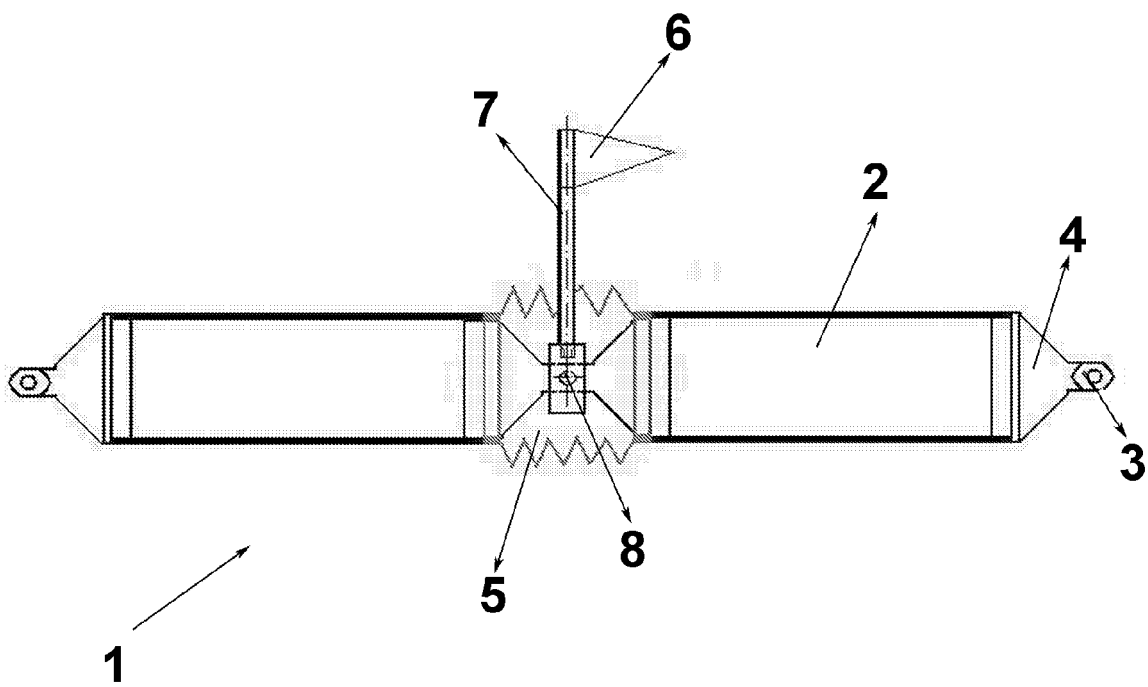


Figure 2

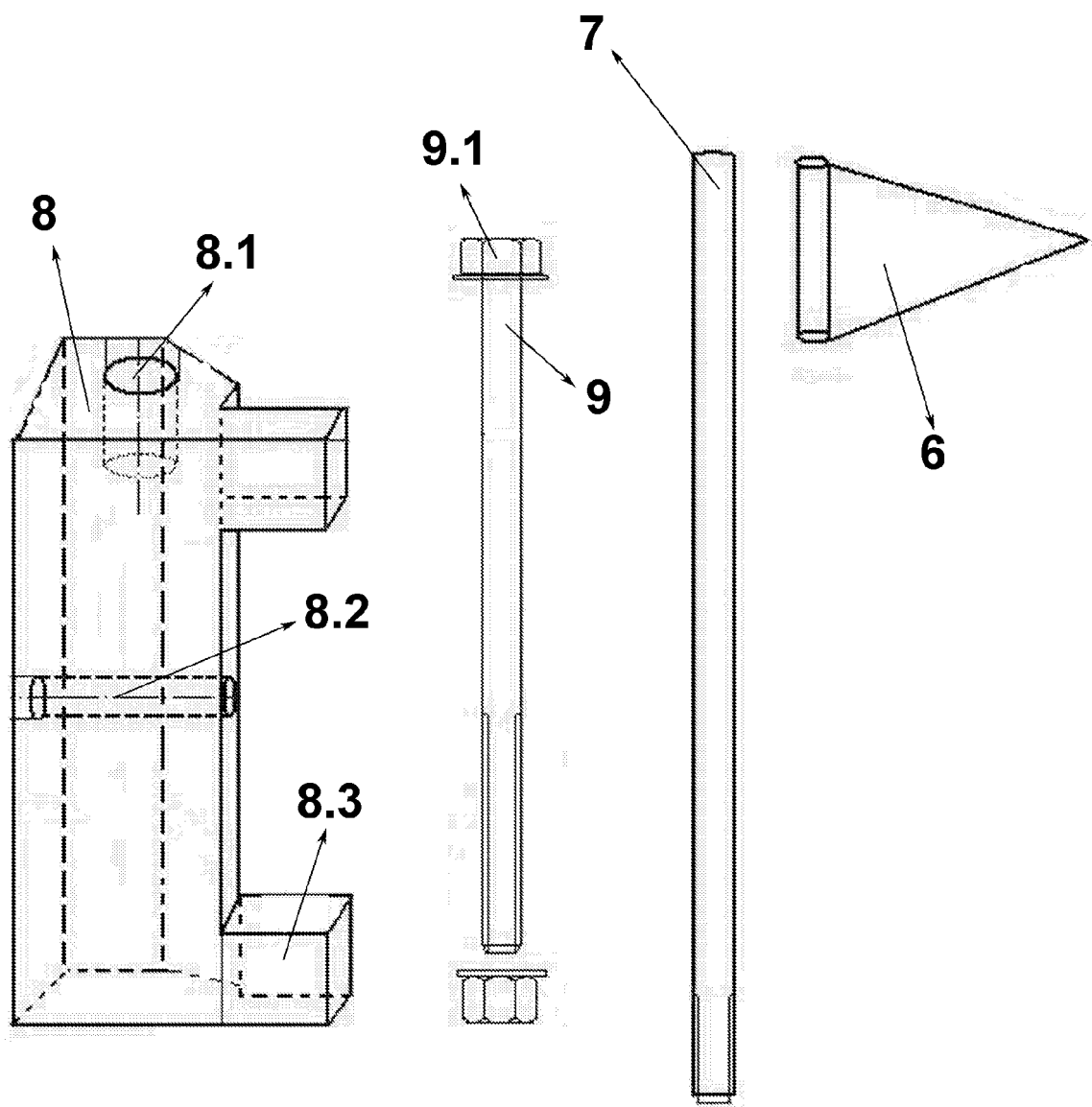


Figure 3