

TITLE OF THE INVENTION: PART FOR HOLDING A PANEL ON AN ELONGATE STRUCTURE

DESCRIPTION

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FIELD OF THE INVENTION

[0001] The present invention relates to the field of attachment means and more particularly means for attaching panels to an elongate structure.

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[0002] Notably, the present invention relates to a part for holding a panel on an elongate structure. The present invention, without however being limited to this aspect alone, is advantageously implemented to attach panels, and notably photovoltaic panels, to floating structures. The floating structures notably comprise floats, for example cylindrical floats, on which panels can be held, notably at an angle.

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TECHNOLOGICAL BACKGROUND OF THE INVENTION

20 [0003] The installation of panels and notably photovoltaic panels requires the use of interfaces enabling said panels to be attached to pre-existing or non-existing structures. In this case, it is common practice to use rails to which the panels are attached, notably using clips.

25 [0004] Document EP2867541 B1 gives an example thereof. More particularly, this patent proposes to attach photovoltaic panels to parallel rails with clips secured to the panels and snapped onto said rails.

[0005] This last solution remains technically interesting and is proven reliable.

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[0006] Nevertheless, there are situations where the use of rails remains problematic. Indeed, depending on the situation, these can become cumbersome or simply inappropriate to use.

5 [0007] This is notably true of photovoltaic panels mounted on floating structures. Indeed, and as described in the international patent application published under reference WO 2022/242858, the floating structure comprises two parallel rows of floats to which photovoltaic panels are attached.

10 [0008] In this patent application, the floats comprise metal cylinders inside which flotation elements are arranged. Sections of holding rails are used to mount the photovoltaic panels on the floats. However, considering the number of holding rail sections required, assembly is tedious and complicated.

15 [0009] Thus, one aim of the present invention is to provide a part for holding panels on an elongate structure, making it possible to simplify the mounting of panels on said structure.

[0010] Another aim of the present invention is also to propose a compact
20 holding part.

BRIEF DESCRIPTION OF THE INVENTION

[0011] The present invention relates to a part for holding a panel on an
25 elongate structure, the holding part comprising in a main direction from a lower face to an upper face of said holding part:

[0012] - a base formed by a profile which extends, in a direction of elongation perpendicular to the main direction, between two end faces of the holding part, referred to as a first end face and second end face respectively;

30 [0013] - connecting means;

[0014] - a fastening portion which is connected, in fixed connection, to the base using the connecting means, the fastening portion comprising a profile which

extends between the two end faces, the fastening portion defining a recess, referred to as a snap-fitting recess, which is configured to allow an anchoring clip to be inserted via the upper face and then snap-fitted into said fastening recess; [0015] the holding part further comprising cinching means configured to hold
5 the base, via the lower face, so as to be secured to the structure, the cinching means comprising a metal strap intended to be secured by its two ends to each of the two side faces of the holding part, referred to as a first side face and second side face respectively.

10 [0016] According to one embodiment, the metal strap comprises, at one of its ends, an opening allowing said end to be attached to the base, via the first side face, by means of a screw or a bolt.

[0017] According to one embodiment, the base comprises, on the first side
15 face, a groove which extends in the direction of elongation, said groove being delimited by two edges which are inwardly folded or curved so as to be able to engage with the thread of a screw or a bolt, the base also comprising, on the second side face, a fin which extends in the direction of elongation and on which one end of the metal strap is intended to be attached,
20 advantageously by means of riveting, welding, clinching or punching.

[0018] According to one embodiment, the base comprises a wall, referred to as a base wall, said base wall comprising two faces, one being coincident with the lower face and the other face, referred to as an inner face, being
25 opposite the lower face, the base further comprising two walls which are referred to as base side walls and each extending the base wall by, respectively, each of the side faces.

[0019] According to one embodiment, the base comprises a cylindrical
30 channel, referred to as the central channel, on one its inner faces, which extends from the first end face to the second end face.

[0020] According to one embodiment, one of the base side walls has the fin, while the other of the base side walls has the groove.

5 [0021] According to one embodiment, the base also comprises reinforcing walls which extend from the inner face and each of which is bonded to one of the base side walls.

[0022] According to one embodiment, each reinforcing wall comprises a cylindrical channel, referred to as the first holding channel, which extends
10 from the first end face to the second end face.

[0023] According to one embodiment, the fastening portion also comprises two cylindrical channels, referred to as second holding channels, which extend from the first end face to the second end face.

15 [0024] According to one embodiment, the fastening portion comprises two parallel walls laterally delimiting the snap-fitting recess, each wall terminating, by the upper face, by an inwardly folded or curved edge, each edge enabling an anchoring clip to be held by snap-fitting.

20 [0025] According to one embodiment, each inwardly folded or curved edge of the fastening portion has one of the second holding channels on the outside of the snap-fitting recess.

25 [0026] According to one embodiment, the connecting means comprise two plates arranged on the first end face and on the second end face respectively, each plate being attached to the base and to the fastening portion by the first end face and the second end face respectively, with self-tapping screws or bolts engaging on the one hand with the first holding channels and on the
30 other hand with the second holding channels in order to ensure a secure connection between the base and the fastening portion.

[0027] According to one embodiment, the holding part is a single-piece and is formed by a profile.

5 [0028] According to one embodiment, the base and the fastening portion are interconnected by a first wall and a second wall, the first wall joining, via the first side face, the base and the fastening portion and the second wall joining, via the second side face, the base and the fastening portion.

10 [0029] According to one embodiment, said holding part further comprises two channels, referred to as interface channels, each carried by one of the base side walls.

[0030] The invention also relates to an installation comprising:

15 [0031] - two elongate structures, referred to as a first structure and second structure respectively, which are arranged parallel to each other;

[0032] - at least one rectangular-shaped panel;

20 [0033] the panel being held by one of its sides, referred to as a first side, on the first structure, and on another of its sides, opposite the first side and referred to as a second side, on the second structure, the holding on the first structure using at least two anchoring clips and at least two holding parts according to the present invention and referred to as first holding parts, while the holding on the second structure uses at least two anchoring clips and at least two holding parts according to the present invention and referred to as second holding parts, the second holding part having a length, measured in
25 the main direction, which is greater than the length of the first holding part.

[0034] According to one embodiment, the at least two first holding parts are held, by their base on the first structure, with the cinching means, and the at least two second holding parts are held, by their base on the second
30 structure, with the cinching means.

[0035] According to one embodiment, each anchoring clip, attached to a frame of the panel, is snap-fitted onto the fastening portion of one of the holding parts.

5 [0036] According to one embodiment, the structures are floating and advantageously cylindrical in shape.

[0037] According to one embodiment, the panel is a photovoltaic panel.

10 [0038] According to one embodiment, said installation rests on a body of water, notably a lake or a pond.

BRIEF DESCRIPTION OF THE DRAWINGS

15 [0039] Other features and advantages of the invention will emerge from the following detailed description of the invention with reference to the appended figures, in which:

20 [0040] [Fig. 1] [Fig. 1] schematically shows a perspective view of an installation wherein a holding part according to the present invention is intended to be used;

[0041] [Fig. 2] [Fig. 2] schematically shows a holding part in accordance with the present invention and according to a first embodiment, notably in [Fig. 2], the holding part is shown in perspective view;

25 [0042] [Fig. 3] [Fig. 3] schematically shows an exploded view of the holding part shown in [Fig. 2];

[0043] [Fig. 4] [Fig. 4] schematically shows a perspective view of a metal strap capable of being used in the context of the present invention;

30 [0044] [Fig. 5] [Fig. 5] shows the base of [Fig. 2] in a sectional plane perpendicular to the direction of elongation;

[0045] [Fig. 6] [Fig. 6] shows the holding section of [Fig. 2] in a sectional plane perpendicular to the direction of elongation;

5 [0046] [Fig. 7] [Fig. 7] schematically shows the holding part according to a second embodiment of the present invention, notably on this [Fig. 7], the holding part is shown in a perspective view;

[0047] [Fig. 8] [Fig. 8] schematically shows the holding part in accordance
10 with a variant of the second embodiment shown in [Fig. 7], notably in this [Fig. 8], the holding part is shown in perspective view.

DETAILED DESCRIPTION OF THE INVENTION

15 [0048] The present invention relates to fastening and/or attachment means. Notably, the present invention relates to a holding part intended to facilitate the installation and the attachment of panels to elongate structures.

[0049] More particularly, the holding part according to the present invention
20 is advantageously used to hold panels on two elongate structures arranged parallel to each other.

[0050] On this basis, [Fig. 1] shows an example of installation 1. Notably, the installation 1 uses the holding part for installing and attaching panels to two
25 elongate structures parallel to each other.

[0051] In this [Fig. 1], without limiting the scope of the present invention, the installation comprises two cylindrical structures.

30 [0052] According to the present invention, two structures of elongate shape and parallel to each other impose that said structures are coincident with two opposite sides of a rectangle.

[0053] Thus, the two cylindrical structures, referred to as first structure 11 and second structure 12 respectively, can be floating. Notably, said first 11 and second 12 structures can comprise in their volume floating elements such as
5 inflatable elements or foams to ensure the flotation of said structures 11 and 12. These two structures may be identical to the structures disclosed in the international patent application published under reference WO 2022/242858 (structure named "floating tube element 101" and shown in [Fig. 1] of application WO 2022/242858).

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[0054] The installation 1 comprises at least two panels 13a, 13b, 13c, 13d and 13e (5 panels are shown in [Fig. 1]). These panels 13a, 13b, 13c, 13d and 13e can be photovoltaic panels.

15 [0055] These panels 13a, 13b, 13c, 13d and 13e can be rectangular in shape and thus be secured to the first 11 and to the second 12 structures.

[0056] Notably, this connection may use a plurality of holding parts forming the object of the present invention, as well as a plurality of anchoring clips. In this
20 respect, the anchoring clips, disclosed in patent EP2867541 B1 and referred to as a "fixing device" in claim 1 translated into French of said patent, can advantageously be implemented. Notably, these anchoring clips comprise a snap-fitting section and an anchoring section. The snap-fitting section is in particular configured to be snapped onto a fastening portion of a holding part,
25 while the anchoring section is intended to be anchored to the frame of a panel.

[0057] In the following description, reference will regularly be made to different faces of a holding part. Furthermore, when a direction is defined with respect to two opposing faces, it is understood that the direction thus defined represents a
30 general orientation. Notably, as defined in the remainder of the statement, the upper and lower faces define a main direction, said direction running from the lower face to the upper face. This main direction notably defines a direction in

which the holding part extends and thus makes it possible to identify an order of appearance of the constituent elements of the part along said main direction.

5 [0058] The rest of the statement also defines two end faces, referred to respectively as the first end face and the second end face. These two faces are parallel to each other, and also define another direction called the elongation direction, which is essentially perpendicular to the main direction. The two end faces, opposite each other, extend in the main direction from the lower face to the upper face.

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[0059] The rest of the statement also defines two side faces, referred to as the first side face and the second side face respectively. These two faces each connect the two end faces in the direction of elongation, and the lower and upper faces.

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[0060] An element formed by a profile according to the present invention is an element which extends in a direction of extension and whose intersection with a sectional plane perpendicular to said direction of extension is invariable. Notably, a profile according to the terms of the present invention
20 can be obtained by an extrusion method. This latter aspect is part of the general knowledge of the person skilled in the art and will therefore not be described in the remainder of the statement.

[0061] Thus, the present invention relates to a part for holding a panel on an
25 elongate structure, the holding part comprising in a main direction from a lower face to an upper face of said holding part:

[0062] - a base formed by a profile which extends, in a direction of elongation perpendicular to the main direction, between two end faces of the holding part, referred to as a first end face and second end face respectively;

30 [0063] - connecting means;

[0064] - a fastening portion which is connected, in fixed connection, to the base using the connecting means, the fastening portion comprising a profile which

extends between the two end faces, the fastening portion defining a recess, referred to as a snap-fitting recess, which is configured to allow an anchoring clip to be inserted via the upper face and then snap-fitted into said fastening recess; [0065] the holding part further comprising cinching means configured to hold
5 the base, via the lower face, so as to be secured to the structure, the cinching means comprising a metal strap intended to be secured by its two ends to each of the two side faces of the holding part, referred to as a first side face and second side face respectively.

10 [0066] [Fig. 2] schematically shows a holding part 100 in accordance with a first embodiment of the present invention.

[0067] [Fig. 3] shows an exploded view of the holding part 100 of [Fig. 2].

15 [0068] The holding part 100 comprises, in a main direction Z running from a lower face 101 to an upper face 102, a base 200, connecting means 300 and a fastening portion 400. The holding part 100 further comprises cinching means configured to hold the base 200, via the lower face, so as to be secured to the structure, the cinching means comprising a metal strap 500
20 (shown in [Fig. 4]) intended to be attached by its two ends to each of the two side faces of the holding part 100, referred to as a first side face 105 and second side face 106 respectively.

[0069] The base 200 in accordance with the present invention is formed by a
25 profile which extends, in a direction of elongation X perpendicular to the main direction Z, between two end faces of the holding part 100, referred to as a first end face 103 and second end face 104 respectively.

[0070] The metal strap comprises an opening 502 at one of its ends, referred
30 to as the first end 501, allowing said end 501 to be attached to the base 200, via the first side face 105, by means of a screw or a bolt.

[0071] To this end, the base 200 may comprise, on the first side face 105, a groove 201, which extends in the direction of elongation X. Notably, the groove 201 is delimited by two edges 202a and 202b internally folded or curved so as to be able to cooperate with the thread of a screw or a bolt. In this respect, [Fig. 5] shows the base 200 in a sectional plane perpendicular to the direction of elongation X of said base 200. The groove 201, as shown in [Fig. 5], is substantially rectangular in cross-section. Said groove 201 comprises a bottom 201a surmounted by two side walls 201b and 201c. The two side walls 201b and 201c terminate, by the first side face 105, in the two internally folded or curved edges 202a and 202b.

[0072] The base 200 may also comprise, on the second side face 106, a fin 203, which extends in the direction of elongation. Said fin 203 is notably intended to be attached, advantageously by means of riveting, welding, clinching or punching, to one end, referred to as the second end 503 opposite the first end 501, of the metal strap 500. The metal strap 500 advantageously comprises at least one of the materials selected from: aluminum, steel.

[0073] The base 200 can comprise a wall, known as the base wall 204. The base wall 204 comprises two faces, one of which is coincident with the lower face 101 and the other face, referred to as the inner face 205, is opposite the lower face 101. The base 200 further comprises two walls, referred to as base side walls 206a and 206b and each extending the base wall by one and the other of the side faces respectively.

[0074] The base wall 204 can be concave on the lower face and notably configured to match the surface of a cylinder.

[0075] Advantageously, and as shown in [Fig. 5], one of the base side walls 206a has the fin 203, while the other of the base side walls 206b has the groove 201.

[0076] The base 200 may also comprise reinforcing walls which extend from the inner face 205 of the base 200. Notably, the reinforcing walls may comprise a first reinforcing wall 207a and a second reinforcing wall 207b which extend, for example divergently, from the inner face 205. The reinforcing walls can be arranged between the two side walls 206a, 206b. As shown in [Fig. 5] and by way of example, the first reinforcing wall 207a can be connected to the first base side wall 206a by means of a first connecting wall 208a. Together with the base wall 204, these three walls form a channel that extends in the direction of elongation. Equivalently and still by way of example, the second reinforcing wall 207b can be connected to the second base side wall 206b by means of a second connecting wall 208b. Together with the base wall 204, these three walls form a channel that extends in the direction of elongation.

[0077] Each reinforcing wall 207a, 207b comprises a cylindrical channel, referred to as the first holding channel 209a, 209b, which extends from the first end face to the second end face. Each first holding channel can be slotted along its entire length.

[0078] [Fig. 6] schematically shows a fastening portion 400 in a sectional plane perpendicular to the direction of elongation X.

[0079] Notably, the fastening portion 400 comprises a profile which extends between the two end faces and is connected, in fixed connection, to the base using the connecting means 300.

[0080] The fastening portion 400 defines a recess, referred to as snap-fitting recess 401, which is configured to allow an anchoring clip to be inserted through the upper face and then snap-fitted into said fastening recess.

[0081] In addition, the snap-fitting recess can be delimited laterally by two parallel walls 403a, 403b. More particularly, the two walls 403a, 403b can

terminate, at the upper face, with an internally folded or curved edge 402a, 402b configured to allow an anchoring clip to be held by snap-fitting.

5 [0082] The fastening portion 400 may comprise two cylindrical channels referred to as second holding channels 404a, 404b, which extend from the first end face 103 to the second end face 104. The second holding channels 404a, 404b can be split along their entire length.

10 [0083] The fastening portion 400 can comprise reinforcement portions, notably additional walls 405a, 405b, intended to stiffen the fastening portion. These additional walls 405a, 405b can notably be arranged on either side of the snap-fitting recess 401.

15 [0084] As shown in Figures 2 and 3, the connecting means may comprise two plates, referred to as first plate 301 and second plate 302 respectively. The first plate 301 is held by the first end face 103 against the base 200 and the fastening portion 400. Notably, the first plate 301 is held secured to the base 200 and the fastening portion 400 by means of self-tapping screws or bolts screwed into the first channels 209a, 209b and the second holding channels 404a, 404b.

20 [0085] Equivalently, the second plate 302 is held by the second end face 104 against the base 200 and the fastening portion 400. Notably, the second plate 302 is held integral with the base 200 and the fastening portion 400 by means of self-tapping screws or bolts screwed into the first channels 209a, 25 209b and the second holding channels 404a, 404b.

[0086] The invention also relates to a holding part according to a second embodiment.

30 [0087] This second embodiment differs from the first embodiment substantially in that the holding part is a single piece. More particularly, the holding part 100 is formed by a profile which extends from the first end face to the second end face.

[0088] It is understood that all the features described below in connection with the second embodiment can also be implemented in the context of the first embodiment.

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[0089] Thus, [Fig. 7] shows the holding part 100 according to a perspective view.

[0090] The base 200 comprises, on one its inner face 205, a cylindrical channel, referred to as a central channel 210, which extends from the first
10 end face to the second end face.

[0091] The central channel 210 can be split along its entire length.

[0092] Furthermore, according to this second embodiment, the base 200 and
15 the fastening portion 400 are connected to each other by a first wall 303 and a second wall 304, the first wall 303 and the second wall 304 forming the connecting means.

[0093] Notably, the first wall 303 joins, via the first side face 105, the base 200
20 and the fastening portion 400. Equivalently, the second wall 304 joins, via the second side face 106, the base 200 and the fastening portion 400.

[0094] The holding part 100 may also comprise two channels, referred to as interface channels 211a and 211b, each carried by one of the base side
25 walls 206a, 206b.

[0095] [Fig. 8] schematically shows the holding part 100 according to a variant of the second embodiment. This variant essentially incorporates all the technical features of the holding part shown in [Fig. 7].
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[0096] According to this variant, the first wall 303 and the second wall 304 connect the base 200 to the two edges 402a and 402b of the fastening

portion 400. Still according to this variant, a first wall 303 and a second wall 304 can each be folded and have at the folding level, respectively, the holding channels 404b and 404a.

5 [0097] The base wall 204 can also have two channels, referred to as additional channels, on its inner face 205, the two additional channels 212a, 212b extending in the X direction.

[0098] Equivalently, the fastening portion 400 can also comprise additional
10 channels 212c and 212d.

[0099] The invention also relates to an installation (as shown in [Fig. 1]) comprising:

[0100] - two elongate structures, referred to as a first structure and second
15 structure respectively, which are arranged parallel to each other;

[0101] - at least one rectangular-shaped panel;

[0102] the panel being held by one of its sides, referred to as a first side, on the first structure, and on another of its sides, opposite the first side and referred to as a second side, on the second structure, the holding on the first
20 structure uses at least two anchoring clips and at least two holding parts according to the present invention and referred to as first holding parts, while the holding on the second structure uses at least two anchoring clips and at least two holding parts according to the present invention and referred to as second holding parts, the second holding part having a length, measured in
25 the main direction, which is greater than the length of the first holding part.

[0103] Advantageously, the at least two first holding parts can be held, by their base on the first structure, with the cinching means, and the at least two second holding parts are held, by their base on the second structure, with the
30 cinching means.

[0104] Advantageously, each anchoring clip, attached to a frame of the panel, is snap-fitted onto the fastening portion of one of the holding parts.

5 [0105] Advantageously, the structures are floating and advantageously cylindrical in shape.

[0106] Advantageously, the panel is a photovoltaic panel.

10 [0107] Advantageously, said installation rests on a body of water, notably a lake or a pond.

[0108] Of course, the invention is not limited to the described embodiments and variant embodiments may be envisaged without departing from the scope of the invention as defined by the claims.

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Claims

[Claim 1] A part (100) for holding a panel on an elongate structure, the holding part (100) comprising in a main direction from a lower face (101) to
5 an upper face (102) of said holding part (100):

- a base (200) formed by a profile which extends, in a direction of elongation perpendicular to the main direction, between two end faces of the holding part (100), referred to as a first end face (103) and second end face (104) respectively;

10 - connecting means (300);

- a fastening portion (400) which is connected, in fixed connection, to the base (200) using the connecting means (300), the fastening portion (400) comprising a profile which extends between the two end faces, the fastening portion (400) defining a recess, referred to as a snap-fitting recess (401),
15 which is configured to allow an anchoring clip to be inserted via the upper face (102) and then snap-fitted into said fastening recess;

- the holding part (100) further comprising cinching means configured to hold the base (200), via the lower face (101), so as to be secured to the structure, the cinching means comprising a metal strap (500) intended to be
20 attached by its two ends to each of the two side faces of the holding part (100), referred to as a first side face (105) and second side face (106) respectively.

[Claim 2] The holding part (100) according to claim 1, wherein the metal strap (500) comprises, at one of its ends, an opening (502) allowing said end
25 to be attached to the base (200), via the first side face (105), by means of a screw or a bolt.

[Claim 3] The holding part (100) according to claim 1 or 2, wherein the base (200) comprises, on the first side face (105), a groove (201) which extends in
30 the direction of elongation, said groove (201) being delimited by two edges (202a, 202b) which are inwardly folded or curved so as to be able to engage with the thread of a screw or a bolt, the base (200) also comprising, on the

second side face (106), a fin which extends in the direction of elongation and to which one end of the metal strap (500) is intended to be attached, advantageously by means of riveting, welding, clinching or punching.

5 [Claim 4] The holding part (100) according to one of claims 1 to 3, wherein the base (200) comprises a wall, referred to as a base wall (200), said base wall (200) comprising two faces, one being coincident with the lower face (101) and the other face, referred to as an inner face, is opposite the lower face (101), the base (200) further comprises two walls which are referred to
10 as base side walls (206a, 206b) and each extending the base wall (200) by, respectively, one and the other of the side faces.

[Claim 5] The holding part (100) according to claim 4, wherein the base (200) comprises, on one its inner face, a cylindrical channel, referred to as a
15 central channel (210), which extends from the first end face (103) to the second end face (104).

[Claim 6] The holding part (100) according to claim 4 or 5 in combination with claims 2 and 3, wherein one of the base side walls (206a, 206b) has the
20 fin while the other side wall of the base (200) has the groove (201).

[Claim 7] The holding part (100) according to one of claims 4 to 6, wherein the base (200) also comprises reinforcing walls (207a, 207b) which extend from the inner face and which are each connected to one of the base side
25 walls (206a, 206b).

[Claim 8] The holding part (100) according to claim 7, wherein each reinforcing wall (207a, 207b) comprises a cylindrical channel, referred to as a first holding channel, which extends from the first end face (103) to the
30 second end face (104).

[Claim 9] The holding part (100) according to any of claims 1 to 8, wherein the fastening portion (400) also comprises two cylindrical channels, referred to as second holding channels (404a, 404b), which extend from the first end face (103) to the second end face (104).

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[Claim 10] The holding part (100) according to claim 9, wherein the fastening portion (400) comprises two parallel walls laterally delimiting the snap-fitting recess (401), each wall terminating, by the upper face (102), by an inwardly folded or curved edge, each edge allowing an anchoring clip to be held by snap-fitting.

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[Claim 11] The holding part (100) according to claim 10, wherein each inwardly folded or curved edge of the fastening portion (400) has, external to the snap-fitting recess (401), one of the second holding channels (404a, 404b).

15 [Claim 12] The holding part (100) according to one of claims 9 to 11 in combination with claim 8, wherein the connecting means (300) comprise two plates (301, 302), (301, 302) arranged on the first end face (103) and on the second end face (104) respectively, each plate (301, 302) being attached to the base (200) and to the fastening portion (400) by the first end face (103) and the
20 second end face (104) respectively, with self-tapping screws or bolts engaging with, on the one hand, the first holding channels (209a, 209b) and with, on the other hand, the second holding channels (404a, 404b) so as to ensure a secure connection between the base (200) and the fastening portion (400).

25 [Claim 13] The holding part (100) according to one of claims 1 to 11, wherein the holding part (100) is a single piece and is formed by a profile.

[Claim 14] The holding part (100) according to claim 13, wherein the base (200) and the fastening portion (400) are interconnected by a first wall and a
30 second wall, the first wall joining, via the first side face (105), the base (200) and the fastening portion (400) and the second wall joining, via the second side face (106), the base (200) and the fastening portion (400).

[Claim 15] The holding part (100) according to claim 14, wherein said holding part (100) further comprises two channels, referred to as interface channels (211a, 211b), each supported by one of the base side walls (206a, 206b).

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[Claim 16] An installation (1) comprising:

- two elongate structures, referred to as a first structure (11) and second structure (12) respectively, which are arranged parallel to each other;
- at least one rectangular-shaped panel;

10 the panel being held by one of its sides, referred to as a first side, on the first structure (11), and on another of its sides, opposite the first side and referred to as a second side, on the second structure (12), the holding on the first structure (11) uses at least two anchoring clips and at least two holding parts according to one of claims 1 to 15 and referred to as first holding parts, while the holding on
15 the second structure (12) uses at least two anchoring clips and at least two holding parts according to one of claims 1 to 15 and referred to as second holding parts, the second holding part (100) having a length, measured in the main direction, which is greater than the length of the first holding part (100).

20 [Claim 17] The installation (1) according to claim 16, wherein the at least two first holding parts are held, by their base (200) on the first structure (11), with the cinching means, and the at least two second holding parts are held, by their base (200) on the second structure (12), with the cinching means.

25 [Claim 18] The installation (1) according to claim 17, wherein each anchoring clip, attached to a frame of the panel, is snap-fitted onto the fastening portion (400) of one of the holding parts.

30 [Claim 19] The installation (1) according to one of claims 16 to 18, wherein the structures are floating and advantageously cylindrical in shape.

[Claim 20] The installation (1) according to one of claims 16 to 19, wherein the panel is a photovoltaic panel.

[Claim 21] The installation (1) according to one of claims 16 to 20, wherein said
5 installation (1) rests on a body of water, notably a lake or a pond.