- CLAIMS -

1. - A demountable link, adapted in particular to connect two chains for the anchoring of a floating installation to the ground,

which demountable link (1), having the shape of an oblong ring, includes two rectilinear sections (2) connected by two bent sections (3),

characterized that said demountable link (1), of the studless link type, comprises:

- two lateral parts (6) that each form one of said bent sections (3), and

- two connecting parts (5), that each form at least one portion of one of said rectilinear sections (2),

and in that said lateral parts (6) are assembled with said connecting parts (5), through removable fastening means (7).

2. - The demountable link according to claim 1, characterized in that the two lateral parts (6) each have a U-shape and are each ended by two end portions (62) that extend parallel to each other and that are each intended to extend at one of said rectilinear sections (2),

in that the two connecting parts (5) are each rectilinear and are each ended by two end portions (52) that extend coaxially relative to each other and that are intended to extend at the corresponding rectilinear section (2),

and in that each of said end portions (52) of a connecting part (5) cooperates with one of said end portions (62) of a lateral part (6), to form an assembly couple (52, 62) in which said end portions (52, 62) are assembled through removable fastening means (7).

3. - The demountable link according to claim 2, characterized in that, at each assembly couple (52, 62), the removable fastening means (7) comprise:

- means (71) for the translational fitting of the end portions (52, 62) into each other, according to a translation axis parallel to a longitudinal axis (2') of the corresponding rectilinear section (2),

- means (72) for translationally blocking said fitted end portions (52, 62) relative to each other, which are operable between an active position and an inactive position, and

- means (73) for locking said blocking means (72) in the active position.

4. - The demountable link according to claim 3, characterized in that the end portions (52, 62) of an assembly couple include complementary surfaces (521, 621), a male one and a female one, which form the translational fitting means (71),

said complementary surfaces (521, 621) being adapted to allow a rotation of the connecting part (5) with respect to the associated lateral part (6) according to an axis of rotation extending coaxially to the longitudinal axis (2') of the corresponding rectilinear section (2),

in that the blocking means (72) are operable between the active and inactive positions through said rotational operation,

and in that the locking means (73) consist in means (73) for the rotational locking in said

active position.

5. - The demountable link according to claim 4, characterized in that the complementary surfaces (521, 621) have a circular cross-section and extend coaxially relative to each other.

6. - The demountable link according to any one of claims 4 or 5, characterized in that the translational blocking means (72) comprise snug/groove couples (5251, 5252; 6251, 6252) that are arranged on the complementary surfaces (521, 621) and that are oriented so as to ensure the translational blocking.

7. - The demountable link according to claims 5 and 6 in combination, characterized in that the complementary surfaces (521, 621) have complementary truncated-cone shapes,

and in that the snug/groove couples (5251, 5252 ; 6251, 6252) are distributed over at least one longitudinal band (525, 625) of each of said complementary surfaces (521, 621), said at least one longitudinal band (525, 625) being oriented in such a manner that its longitudinal axis (525', 625') extends parallel to the longitudinal axis (52', 62') of said complementary surfaces (521, 621).

8. - The demountable link according to claim 7, characterized in that the complementary surfaces (521, 621) each include two longitudinal bands (525, 625) of snug/groove couples (5251, 5252; 6251, 6252), said longitudinal bands (525, 625) being arranged in diametrically opposed positions relative to the longitudinal axis (52', 62') of said complementary surfaces (521, 621).

9. - The demountable link according to any one of claims 3 to 8, characterized in that the locking means (73) comprise at least one removable indexation element (731), that is added between at least two coaxial housings:

- a first housing (732) arranged in a connecting part (5), and

- a second housing (733) arranged in one at least of the lateral parts (6).

10. - The demountable link according to claim 9, characterized in that the end portions (62) of the lateral parts (6) each comprise a male surface (621) provided with a terminal face (622) including a housing portion (7331),

said terminal faces (622) of said lateral parts (6) are intended to come adjacent to each other during the assembly of said link (1), and

said juxtaposed housing portions (7331) form together said second housing (733) intended to receive the indexation element (731).

11. - The demountable link according to any one of claims 9 or 10, in combination with claim 7, characterized in that, in the active position, the housings (732, 733) each define a longitudinal axis (732', 733') extending perpendicular, or at least approximately perpendicular, to the plane passing through the longitudinal bands (525, 625) of snug/groove couples (5251, 5252; 6251, 6252).

12. - The demountable link according to any one of claims 1 to 11, characterized in that

the two lateral parts (6) are identical to each other and in that the two connecting parts (5) are identical to each other.