Claims

1. A body-wearable medical device (1) comprising a first housing portion (2) and a second housing portion (3), the first housing portion (2) having a female portion (2a) and the second housing portion (3) having a male portion (3a), the male portion (3a) is at least partially inserted into the female portion (2a) thereby defining a circumferential clearance gap (4), wherein a circumferential sealing element (5) is arranged in the circumferential clearance gap (4) between the female portion (2a) and the male portion (3a), and wherein the female portion (2a) and the male portion (3a) are fixed to each other by a circumferential fixation glue (6) that is arranged in the circumferential clearance gap (4) between the female portion (2a) and the male portion (3a) next to the circumferential sealing element (5).

2. The body-wearable medical device (1) according to claim 1, wherein the sealing element (5) is a sealing glue having a smaller elastic modulus than the fixation glue (6).

3. The body-wearable medical device (1) according to claim 1 or 2, wherein the sealing element (5) comprises an O-ring (7) that is arranged in the circumferential clearance gap (4) between the female portion (2a) and the male portion (3a) and that circumscribes the male portion (3).

4. The body-wearable medical device (1) according to any one of claims 1 to 3, wherein the fixation glue (6) discontinuously circumscribes the male portion (3a) within the circumferential clearance gap (4) between the female portion (2a) and the male portion (3a).

5. The body-wearable medical device (1) according to claim 4, wherein the discontinuously circumscribing fixation glue (6) is evenly distributed along the circumference of the male portion (2a).

6. The body-wearable medical device (1) according to any one of claims 1 to 5, wherein the circumferential clearance gap (4) is formed by a circumferential recess (3b) of the male portion (3a) and/or a circumferential recess (2b) of the female portion (2a).

7. The body-wearable medical device (1) according to any one of claims 1 to 6, wherein the second housing portion (3) comprises a free-end portion (3c) facing away from the first housing portion (2), wherein the sealing element (5) is located closer to the free-end portion (3c) than the fixation glue (6).

8. The body-wearable medical device (1) according to any one of claims 1 to 7, wherein the first housing portion (2) and the second housing portion (3) form a watertight compartment (8).

9. The body-wearable medical device (1) according to any one of claims 1 to 8, wherein, in a cross-sectional view, the circumferential clearance gap (4) forms a rectangular or elliptic shape circumscribing the male portion (3a).

10. The body-wearable medical device (1) according to claim 9, wherein the rectangular or elliptic shape comprises a first extension (9) in one direction and a second extension (10) in a second direction, wherein the first extension (9) is at least 1.5 times larger than the second extension (10) in the second direction.