

Abstract

DEVICE FOR MODIFYING THE BOTTOM OF A FLOATING BODY, AND AMPHIBIOUS VEHICLE COMPRISING SUCH A DEVICE

The invention relates to a device for modifying a hull of a floating body forming a part of a floating vehicle or floating bridge, having a base floating body (1), with an upper surface (2) forming a principal rolling path, and two lateral surfaces (3, 4).

The device comprises, on each side of the base floating body (1), a first movable wall (5) which is mounted so that it pivots on a lower part (6) of the corresponding lateral surface (3) of the base floating body (1), a second movable wall (8) which is mounted so that it pivots on the first movable wall (5), and a third movable wall (10) which is mounted so that it pivots about the second movable wall (8), the three movable walls being arranged with respect to each other in such a manner that, in the folded position, the first movable wall (5) is arranged essentially parallel to the lateral surface (3) of the base floating body (1), and the second and third movable walls (8, 10) partially cover the upper surface (2) of the base floating body (1), and, in the deployed position, the first movable wall (5) delimits a volume (V) between itself and the lateral surface (3), the second movable wall (8) extends the first movable wall (5), and the third movable wall (10) forms an additional path broadening the upper surface (2).

Figure 1