

MOTION REDUCTION DEVICE AND FLOATING BODY PROVIDED WITH SAME

Abstract

A motion reduction device that has a simple structure that provides a reliable motion reduction effect for a floating body, minimizes or prevents an increase in resistance when the floating body is towed, and is not an obstruction when berthing. The motion reduction device comprises:

- a board-like portion (20) that, when in an operating state, is disposed at a corner portion (6) where a side surface (4) and a bottom surface (3) of a floating body (1) meet with a gap (7) formed between the board-like portion (20) and the corner portion (6), the board-like portion (20) protruding in a direction outward from the side surface (4) of the floating body (1); and

- a support portion (30A) that supports the board-like portion (20);

- an upward facing surface (22a) of the board-like portion (20) that converges a flow of water from an advancing wave advancing toward the side surface (4) from outside of the side surface (4) and guides the flow of water toward the gap (7);

- a downward facing surface (22b) of the board-like portion (20) that blocks the flow of water from a retreating wave retreating outward from the bottom surface (3);

- the support portion (30A) comprising a movement mechanism (32A) that moves the board-like portion (20) between an operating position and a housing position where the board-like portion (20) is housed in a recess (3A) formed near the corner portion (6) of the floating body (1).

Fig. 3A and Fig 3B