

A Structure and Method for Linking a Ship and Pusher Boat, and a Ship Piloting Method

Abstract

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Summary

Problem: To turn a barge through a small turning radius when pushing a barge using a pusher boat.

Solution Means: In a linking structure between a barge 14 and a pusher boat 1 for pushing barge 14, an indentation 18 shaped to spread rearward in width is formed on barge 14, and the front end portion of pusher boat 1 is brought into contact with the deepest portion 18A of indentation 18 on barge 14; the linking structure comprising; a pair of wires 24A, 24B respectively connecting both sides of indentation 18 at the back portion of barge 14 to the back portion of pusher boat 1; and wire winch mechanisms 22A, 22B for respectively winding up and feeding out the pair of wires 24A, 24B; wherein, with the front end portion of pusher boat 1 in contact with the deepest portion 18A of indentation 18 on barge 14, pusher boat 1 can be skewed relative to barge 14 as seen in plan view.

20 Fig. 6