

Title (en)  
PILOT LADDER HAVING REMOTE ATTACHMENT/DETACHMENT FUNCTION

Title (de)  
PILOTLEITER MIT FERNANBRING-/LÖSUNGSFUNKTION

Title (fr)  
ÉCHELLE DE PILOTE AVEC FONCTION D'ACCROCHAGE/DÉCROCHAGE À DISTANCE

Publication  
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Application  
**EP 21928249 A 20211224**

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Abstract (en)  
The purpose of the present invention is to provide a pilot ladder having a remote attachment/detachment function that can safely fix, by using magnetic force, a ladder for a pilot who safely guides a ship to an inner harbor. The present invention relates to a pilot ladder having a remote attachment/detachment function, which comprises a rope (1) and multiple steps (2) and is installed on the outer place of a hull so as to be used when a pilot embarks and disembarks, the pilot ladder comprising: a compartment (100) formed on the bottom surface of each of the steps (2); a magnetic switch magnet module (200) installed in the compartment (100) and provided to be attached to the outer plate (S) of the hull; and a wireless controller (300) provided to control the on/off operations of the magnetic switch magnet module (200). In case of using the pilot ladder having a remote attachment/detachment function, a magnetic switch magnet has an improved structure in which the magnetic switch magnet is integrated with a step and the on/off operations thereof are controlled by the wireless controller, and thus an existing wire configuration for magnet control is omitted, so that management required for ladder winding storage is easy, and malfunction of the magnetic switch magnet due to damage to a wire can be prevented.

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