

Title (en)

Trigger device for launching a free-falling life-saving boat.

Title (de)

Auslösevorrichtung für ein Frei-Fall-Rettungsboot.

Title (fr)

Dispositif de language d'un canot de sauvetage à chute libre.

Publication

EP 0143958 A1 19850612 (DE)

Application

EP 84112483 A 19841017

Priority

DE 8331311 U 19831102

Abstract (en)

1. Trigger device for a free-falling life-saving boat, comprising a launching path provided at the stern of a ship and including rollers which cooperate with contact faces of the life-saving boat, a locking hook which opens upwardly at the ship or downwardly at the boat and cooperates with a locking bolt fastened at the ship or at the stern of the life-saving boat, an unlocking means which is secured at the ship or at the stern of the life-saving boat and moves the hook out of engagement with the locking bolt via an operating means operables from inside the life-saving boat, and cooperating means which are secured at the life-saving boat and at the launching path and normally prevent floating of the life-saving boat on the launching path, but are movable out of engagement, characterized in that the rollers (14, 15) cooperate with counterfaces direct on the life-saving boat (12), that the operating means includes an adjusting member (19) which acts directly and positively on the locking hook (16) or the locking bolt (17), that a lashing fixture (27, 28) is secured at the keel of the life-saving boat (12), that a lashing hook (30) which is fixed to the ship and opens forwardly as viewed in launching direction is supported pivotally below the life-saving boat (12) and connected to a hauling rope (31) connectable to a tensioning means (34) at the ship so as to arrest the lashing hook (30) in the lashing fixture (27, 28), and that the lashing hook (30) is movable out of engagement with the lashing fixture (27, 28) by a water pressure trigger (35) acting on the hauling rope and/or a predetermined breaking point.

Abstract (de)

Rettungsboot, das auf einer am Heck eines Schiffes angebrachten Ablaufbahn mit Hilfe einer Zurrvorrichtung festgezurt ist, wobei ein schiffsseitig nach oben oder ein bootsseitig nach unten geöffneter Verriegelungshaken (16) mit einem am Heck des Rettungsbootes (12) oder am Schiff angebrachten Verriegelungsbolzen (17) zusammenwirkt, am Heck des Rettungsbootes (12) oder am Schiff eine Entriegelungsvorrichtung (19) angebracht ist, die mittels einer vom Inneren des Rettungsbootes betätigbaren Betätigungsvorrichtung Verriegelungsbolzen und Haken außer Eingriff bringt und an der Unterseite des Rettungsbootes (12) ein Zurrbeschlag (27, 28) angebracht ist, der mit einem schiffsseitigen Halteorgan (30) so zusammenwirkt, daß das Rettungsboot (12) beim Trennen von Verriegelungshaken (16) und Verriegelungsbolzen (17) ungehindert ablaufen kann.

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B63B 23/28

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CPC (source: EP)

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Citation (search report)

- [A] GB 2101047 A 19830112 - NORGES SKIPSFORSKNING INST [NO]
- [A] DE 1815746 A1 19700910 - ONCINA DR ING ROSENDO CHORRO
- [A] US 3934288 A 19760127 - KIRKLAND JAMES L
- [A] GB 315876 A 19300501 - BOTVID PERSSON

Cited by

CN105620669A; FR3008377A1; WO2015004343A1

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