Title (en)
DEVICE FOR A MECHANISM FOR HATCH COVER SECTIONS OF A SHIP

Title (de)
VORRICHTUNG FÜR EINEN MECHANISMUS FÜR LUKENDECKELABSCHNITTE EINES SCHIFFS

Title (fr)
DISPOSITIF POUR LE MECANISME DES SECTIONS D'ECOUTILLE D'UN BATEAU

Publication
EP 1663772 A1 20060607 (EN)

Application
EP 04775355 A 20040831

Priority
- SE 2004001249 W 20040831
- SE 0302466 A 20030916

Abstract (en)
[origin: WO2005025977A1] Arrangement (1) for a mechanism (2) for the actuation of movable hatch cover sections (3, 4) of a ship between the closed and open position (A, B) and between the open and closed position (B, A), which also comprises pivoting link elements (5, 6) movably attached to the respective hatch cover section (3, 4) movably attached to the respective hatch cover section (3, 4) that are capable of being influenced by force by means of an actuating cylinder hydraulic jack (7). Pairs of pivoting link arms (8, 9), which are mounted on a common part (10) of the ship, are each attached at their respective one end (8A, 9A) to the corresponding hatch cover section (3, 4), and are attached at their respective other end (8B, 9B) to a divided link connection (11) that is influenced by force (FF, FB) by an aforementioned jack (7). Both link arms (8, 9) are attached to one another by means of a distance piece (12), whereby the application of force by means of the jack causes the link arms (8, 9), by the forced interaction of the link connection parts (13, 14), to pivot from the lowered and retracted locked position (C) to the open position (D), in which position (D) the respective attached hatch cover section (3, 4) is retained in the raised and parted position (B).

IPC 1-7
B63B 19/18; B63B 19/19

IPC 8 full level
B63B 19/18 (2006.01)

CPC (source: EP KR)
B63B 19/12 (2013.01 - KR); **B63B 19/18** (2013.01 - EP KR)

Citation (search report)
See references of WO 2005025977A1

Designated contracting state (EPC)
GB GR IT

DOCDB simple family (publication)
WO 2005025977 A1 20050324; CN 100586790 C 20100203; CN 1597441 A 20050323; EP 1663772 A1 20060607; EP 1663772 B1 20090610; JP 2007505785 A 20070315; JP 4277043 B2 20090610; KR 101122320 B1 20120326; KR 20060076774 A 20060704; NO 20060393 L 20060607; NO 335481 B1 20141215; SE 0302466 D0 20030916; SE 0302466 L 20040817; SE 524479 C2 20040817

DOCDB simple family (application)
SE 2004001249 W 20040831; CN 200310104763 A 20031104; EP 04775355 A 20040831; JP 2006526850 A 20040831; KR 20067005289 A 20040831; NO 20060393 A 20060125; SE 0302466 A 20030916