

Title (en)

ROTATING MECHANISM FOR CARGO SHIP HATCH COVER

Title (de)

SCHWENKMECHANISMUS FÜR FRACHTSCHIFFFLUKENDECKEL

Title (fr)

MECANISME ROTATIF POUR PANNEAUX DE CALE DE NAVIRES DE CHARGE

Publication

**EP 1062150 B1 20040519 (EN)**

Application

**EP 99907637 A 19990308**

Priority

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- FI 980527 A 19980309

Abstract (en)

[origin: WO9946162A1] The present invention relates to a rotating mechanism (7) for a hatch cover placed over the hatchway opening of the cargo space (5) aboard a cargo ship, said mechanism serving to rotate at least one hatch cover block (3, 4) from a substantially horizontal position into a substantially vertical position and back, and said rotating mechanism (7) being pivotally mounted on a rigid structure of the ship and one end of said rotating mechanism being pivotally connected to an actuator means (8) of the rotating mechanism such as a hydraulic cylinder. The invention is implemented by placing the rotating mechanism (7) at the end of the hatchway coaming, in the transverse and longitudinal directions of the ship at least partially inside the hatchway coaming of the cargo space (5), whereby the pivot and actuator means (8) of the rotating mechanism (7) are placed outside the hatchway coaming so that the cover block lifting end of the rotating mechanism (7) remains in the hatchway under the hatch cover, either located in the cargo space (5) or situated in the interior space of the hatch cover structure.

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**WO 9946162 A1 19990916**; AU 2730099 A 19990927; CN 1121964 C 20030924; CN 1291953 A 20010418; DE 19983017 B4 20050908; DE 19983017 T1 20010517; EP 1062150 A1 20001227; EP 1062150 B1 20040519; FI 110178 B 20021213; FI 980527 A0 19980309; FI 980527 A 19990910; JP 2002505978 A 20020226; KR 100605084 B1 20060728; KR 20010041730 A 20010525; PL 190279 B1 20051130; PL 343422 A1 20010813

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