

Title (en)
Device for shock-proof door assembly

Title (de)
Vorrichtung zur schocksicheren Türanordnung

Title (fr)
Dispositif de système de portière anti-chocs

Publication
EP 1961900 A1 20080827 (DE)

Application
EP 08001086 A 20080122

Priority
DE 102007008717 A 20070222

Abstract (en)
The device has a movably arranged closing element e.g. steel guide rail door (1), to open and close an opening in a marine ship, where the element is mechanically moved by an actuating element. The closing element is held in a closed position by correspondingly receiving in a frame under insertion of a seal. The closing element has a rack (9) and/or a lantern pinion, and a transmission unit (10) with a drive (11) e.g. electric, hydraulic or pneumatic motor, is arranged in a region of the frame to move the closing element. The rack or the pinion is arranged within or on the closing element.

Abstract (de)
zur schocksicheren und dichtenden Türanordnung auf Marineschiffen ist vorgesehen, das Verschußelement als Schiebeanordnung mit einem Linearantrieb zu verstellen. Hierzu ist vorgesehen, eine Zahnstange oder ein Triebstock in das Verschußelement zu integrieren und im zargenbereich eine zugeordnete Getriebeeinheit mit einem Antrieb zur Verstellung anzuordnen.

IPC 8 full level
E05D 15/10 (2006.01); **B63B 19/00** (2006.01); **E05F 3/10** (2006.01)

CPC (source: EP US)
B63B 19/00 (2013.01 - EP US); **E05F 15/56** (2015.01 - EP US); **E05F 15/635** (2015.01 - EP US); **B63B 2019/0053** (2013.01 - EP); **E05Y 2201/722** (2013.01 - EP US); **E05Y 2800/12** (2013.01 - EP); **E05Y 2900/514** (2013.01 - EP US)

Citation (applicant)
EP 1752602 A2 20070214 - HARDT RAINER [DE], et al

Citation (search report)

- [X] EP 1752602 A2 20070214 - HARDT RAINER [DE], et al
- [X] DE 19909365 A1 20000907 - DORMA GMBH & CO KG [DE]
- [X] DE 102004016091 A1 20050303 - VOLKSWAGEN AG [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1961900 A1 20080827; **EP 1961900 B1 20090916**; AT E443196 T1 20091015; DE 102007008717 A1 20080828; DE 502008000107 D1 20091029; DK 1961900 T3 20091221; ES 2332157 T3 20100127; PL 1961900 T3 20100226

DOCDB simple family (application)
EP 08001086 A 20080122; AT 08001086 T 20080122; DE 102007008717 A 20070222; DE 502008000107 T 20080122; DK 08001086 T 20080122; ES 08001086 T 20080122; PL 08001086 T 20080122