

Title (en)
Integral stabilizer system for vessels

Title (de)
Integrales Stabilisierungssystem für Schiffe

Title (fr)
Système intégral de stabilisation pour bateaux

Publication
EP 1371547 A1 20031217 (EN)

Application
EP 03380138 A 20030610

Priority
ES 200201365 A 20020613

Abstract (en)
A stabilization system for vessels that comprises at least one pair of stabilizer elements (E) each arranged on a side of the vessel and well under its water line, each of said stabilizer elements being hinged to the hull (C) of the vessel such that they can be made to rotate (XX') between a deployed, active, position and a non-deployed, inactive, position in which they are received in corresponding housings (A) provided in the hull and the configuration of said stabilizer elements (E) being such that, in the aforesaid inactive position, they define, together with the rest of the hull (C), a surface without interruption of continuity. Movement between said active and inactive positions is achieved by actuating means provided inside the hull or mounted on the outside thereof, but inside said housings (A) for receiving the aforesaid stabilizer elements. <IMAGE>

IPC 1-7
B63B 39/06

IPC 8 full level
B63B 39/06 (2006.01)

CPC (source: EP ES US)
B63B 39/06 (2013.01 - EP ES US)

Citation (search report)

- [X] GB 1153461 A 19690529 - HODGSON DOUGLAS
- [Y] GB 803602 A 19581029 - MUIRHEAD & CO LTD
- [X] US 3648641 A 19720314 - NORMAND LESTAN P JR
- [X] GB 2262718 A 19930630 - D'ALMADA REMEDIOS MICHAEL J [GB]
- [X] SU 1782862 A
- [X] DE 4340028 A1 19950601 - ZUEHLKE ERNST W DIPL ING FH [DE]
- [X] EP 0900725 A2 19990310 - WETTER GUENTER [DE]
- [X] NL 39388 C
- [XY] PATENT ABSTRACTS OF JAPAN vol. 010, no. 307 (M - 527) 18 October 1986 (1986-10-18)
- [X] PATENT ABSTRACTS OF JAPAN vol. 005, no. 083 (M - 071) 30 May 1981 (1981-05-30)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 05 31 May 1996 (1996-05-31)
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 598 (M - 1504) 2 November 1993 (1993-11-02)

Cited by
ITUA20163096A1; US10322778B2; WO2008026947A3; WO2006065150A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1371547 A1 20031217; ES 2238107 A1 20050816; ES 2238107 B1 20061101; NZ 526444 A 20050324; US 2004011269 A1 20040122

DOCDB simple family (application)
EP 03380138 A 20030610; ES 200201365 A 20020613; NZ 52644403 A 20030612; US 45637403 A 20030606