

Title (en)
Rudder for ships

Title (de)
Ruder für Schiffe

Title (fr)
Gouvernail pour bateaux

Publication
EP 2006201 B1 20091104 (DE)

Application
EP 07023719 A 20071207

Priority
DE 202007008804 U 20070621

Abstract (en)
[origin: US2008314303A1] A rudder (1) for ships with a swivellable rudder blade (2) and a fin (3) hinged thereon as well as with a fin control device (S) having control elements which is placed outside the rudder blade (2) in bearing vicinity between a hull (6) and the rudder blade (2), it is provided that protecting guiding elements (L) are fixed to a ship part laterally from the control elements for the protection of the fin control against external influences such as pressure, stroke and impact shock.

IPC 8 full level
B63H 25/38 (2006.01); **B63H 25/52** (2006.01)

CPC (source: EP KR US)
B63H 25/38 (2013.01 - KR); **B63H 25/381** (2013.01 - EP US)

Cited by
DE102011056001A1; US8584610B1

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

Designated extension state (EPC)
HR

DOCDB simple family (publication)
US 2008314303 A1 20081225; US 8117979 B2 20120221; AT E447525 T1 20091115; CN 101327842 A 20081224; CN 101327842 B 20120530; CY 1110641 T1 20150429; DE 202007008804 U1 20070816; DE 502007001914 D1 20091217; DK 2006201 T3 20100201; EP 2006201 A1 20081224; EP 2006201 B1 20091104; ES 2335616 T3 20100330; HK 1128013 A1 20091016; HR P20090644 T1 20100228; JP 2009001266 A 20090108; JP 4874296 B2 20120215; KR 101118450 B1 20120306; KR 20080112938 A 20081226; PL 2006201 T3 20100430; PT 2006201 E 20091120; SG 148919 A1 20090129; TW 200904705 A 20090201; TW I352679 B 20111121

DOCDB simple family (application)
US 15245708 A 20080514; AT 07023719 T 20071207; CN 200810099841 A 20080529; CY 101100094 T 20100129; DE 202007008804 U 20070621; DE 502007001914 T 20071207; DK 07023719 T 20071207; EP 07023719 A 20071207; ES 07023719 T 20071207; HK 09105605 A 20090623; HR P20090644 T 20091204; JP 2008157505 A 20080617; KR 20080050228 A 20080529; PL 07023719 T 20071207; PT 07023719 T 20071207; SG 2008035610 A 20080509; TW 97122383 A 20080616