

Title (en)
Rudder for ships

Title (de)
Ruder für Schiffe

Title (fr)
Gouvernail pour bateaux

Publication
EP 2060484 B1 20110216 (DE)

Application
EP 07024061 A 20071212

Priority
DE 202007015941 U 20071113

Abstract (en)
[origin: US2009126613A1] A rudder for ships comprising a rudder blade which has a leading edge and a trailing edge. The rudder blade has two superimposed rudder blade sections, the leading edge sections and/or the trailing edge sections of which are offset such that the one leading edge section and/or the one trailing edge section is offset port or starboard and the other leading edge section and/or the other trailing edge section is offset starboard or port and that the one leading edge and/or trailing edge section has a port-sided offset surface which projects over the other leading edge section and/or the other trailing edge section and the other leading edge section and/or trailing edge section has a starboard-sided offset surface which projects over the one leading edge section and/or trailing edge section, a flow body configured in such a manner that its dimensions are adapted to the dimensions of the offset surfaces, which covers the offset surfaces and which is configured in the area of each offset surface.

IPC 8 full level
B63H 25/38 (2006.01)

CPC (source: EP KR US)
B63H 25/38 (2013.01 - EP KR US); **B63H 2025/388** (2013.01 - EP US)

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HR

DOCDB simple family (publication)
US 2009126613 A1 20090521; US 7802531 B2 20100928; AT E498547 T1 20110315; CN 101434294 A 20090520; CN 101434294 B 20121010; CN 101531248 A 20090916; CN 101531248 B 20111130; CN 101531249 A 20090916; CN 101531249 B 20111130; DE 202007015941 U1 20080117; DE 202007017448 U1 20080228; DE 502007006513 D1 20110331; DK 2060484 T3 20110606; DK 2060484 T4 20191118; EP 2060484 A1 20090520; EP 2060484 B1 20110216; EP 2060484 B2 20190821; ES 2361440 T3 20110617; ES 2361440 T5 20200413; HK 1129639 A1 20091204; HR P20110353 T1 20110630; HR P20110353 T4 20200110; JP 2009120170 A 20090604; JP 4841578 B2 20111221; KR 101281977 B1 20131127; KR 101433465 B1 20140822; KR 20090049514 A 20090518; KR 20120125446 A 20121115; PL 2060484 T3 20110831; PL 2060484 T5 20210802; SG 152963 A1 20090629; TW 200920656 A 20090516; TW I352677 B 20111121

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US 7034608 A 20080214; AT 07024061 T 20071212; CN 200810093028 A 20080415; CN 200810189550 A 20081112; CN 200810189551 A 20081112; DE 202007015941 U 20071113; DE 202007017448 U 20071212; DE 502007006513 T 20071212; DK 07024061 T 20071212; EP 07024061 A 20071212; ES 07024061 T 20071212; HK 09107784 A 20090825; HR P20110353 T 20110512; JP 2008056222 A 20080306; KR 20080030871 A 20080402; KR 20120119775 A 20121026; PL 07024061 T 20071212; SG 2008012452 A 20080214; TW 97105007 A 20080213