

Title (en)
Ship's rudder

Title (de)
Ruder für Seeschiffe

Title (fr)
Gouvernail pour navires

Publication
EP 0811552 B1 20000517 (DE)

Application
EP 96115518 A 19960927

Priority
DE 29609745 U 19960604

Abstract (en)
[origin: EP0811552A1] The rudder has a main rudder body (20) with a tab (10) which is hinged to it, and which is guided by it. The tab is mounted on a sliding piston hinge (11,13), which has a sliding bearing which is mounted on the tab, and also has a pivoting piston (11). The hinge pin is in the form of a piston (15) which can slide in a bearing (16,17), and both pistons may be connected to one another by a pin (14). They may also be made from a high-grade steel and may slide in a bearing which has a lining made from a bronze alloy.

IPC 1-7
B63H 25/38

IPC 8 full level
B63H 25/38 (2006.01)

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

Cited by
DE202009010424U1; DE102017112143A1; WO03043882A1; HRP20040438B1; CN101987657A; EP2279940A3; EP3409576A1; US7926435B2; WO2007073071A1; WO2008065056A2; US6945186B2; EP2279940A2; US8863679B2

Designated contracting state (EPC)
DE ES GB IT NL

DOCDB simple family (publication)
DE 29609745 U1 19960829; CN 1077533 C 20020109; CN 1169934 A 19980114; DE 59605253 D1 20000621; EP 0811552 A1 19971210; EP 0811552 B1 20000517; ES 2147882 T3 20001001; JP 3193887 B2 20010730; JP H1053196 A 19980224; KR 100244674 B1 20000302; KR 980001709 A 19980330; NO 309806 B1 20010402; NO 964952 D0 19961121; NO 964952 L 19971205

DOCDB simple family (application)
DE 29609745 U 19960604; CN 97112928 A 19970604; DE 59605253 T 19960927; EP 96115518 A 19960927; ES 96115518 T 19960927; JP 14561597 A 19970603; KR 19970022656 A 19970602; NO 964952 A 19961121