

Title (en)
Hydraulic steering system for marine motors

Title (de)
Hydraulisches Steuersystem für Bootsmotoren

Title (fr)
Système de gouverne pour moteurs de bateaux

Publication
EP 1626000 A3 20070523 (EN)

Application
EP 05015283 A 20050714

Priority
IT MI20041639 A 20040809

Abstract (en)
[origin: EP1626000A2] A hydraulic steering system (1) for marine motors comprises a supporting rod (3) designed to be disposed at the stem of the boat in a transverse direction with respect to the longitudinal direction of the boat and designed to be supported by a flange (60) in which a marine motor (61) is pivoted, a hydraulic cylinder (5) mounted slidably on a fixed shaft (4) disposed parallel to the supporting rod (3) and defining two chambers (57, 58) supplied with oil to allow translation of the cylinder on the fixed shaft, and an articulated system (7) which connects the hydraulic cylinder (5) to a front bar (64) of the motor (61); ducts (42, 43 44, 45) which supply oil respectively to the two chambers (57, 58) of the hydraulic cylinder (5) being formed inside the shaft (4).

IPC 8 full level
B63H 20/12 (2006.01); **B63H 20/10** (2006.01)

CPC (source: EP US)
B63H 20/10 (2013.01 - EP US); **B63H 20/12** (2013.01 - EP US)

Citation (search report)
• [A] US 5997370 A 19991207 - FETCHKO ERIC [CA], et al
• [A] US 6174211 B1 20010116 - NAKAMURA DAISUKE [JP]

Cited by
EP4086161A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1626000 A2 20060215; EP 1626000 A3 20070523; EP 1626000 B1 20080618; EP 1626000 B9 20090318; AT E398569 T1 20080715;
DE 602005007543 D1 20080731; ES 2308346 T3 20081201; IT MI20041639 A1 20041109; PL 1626000 T3 20081128; PT 1626000 E 20080916

DOCDB simple family (application)
EP 05015283 A 20050714; AT 05015283 T 20050714; DE 602005007543 T 20050714; ES 05015283 T 20050714; IT MI20041639 A 20040809;
PL 05015283 T 20050714; PT 05015283 T 20050714