

Title (en)
LATERAL THRUSTER FOR A VESSEL

Title (de)
QUERSTRAHLRUDER FÜR EIN WASSERFAHRZEUG

Title (fr)
GOUVERNAIL A JET TRANSVERSAL POUR BATEAU

Publication
EP 2346733 A1 20110727 (DE)

Application
EP 09759637 A 20091112

Priority
• AT 2009000433 W 20091112
• AT 17832008 A 20081117

Abstract (en)
[origin: CA2743877A1] A lateral thruster for a vessel with a housing (1), at least one electric motor (2, 2') fitted in the housing (1) and at least one transverse propeller (13) acting transversely with respect to the longitudinal axis (3) of the vessel (5) is additionally provided with at least one longitudinal propeller (21) acting in the direction of the longitudinal axis (3) of the vessel (5).

IPC 8 full level
B63H 5/125 (2006.01)

CPC (source: EP US)
B63H 5/125 (2013.01 - EP US); **B63H 5/14** (2013.01 - EP US); **B63H 2005/1254** (2013.01 - US); **B63H 2005/1258** (2013.01 - EP US)

Citation (search report)
See references of WO 2010054418A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
AT 507419 A4 20100515; AT 507419 B1 20100515; AU 2009316221 A1 20100520; AU 2009316221 B2 20130912; CA 2743877 A1 20100520; CA 2743877 C 20160621; CN 102256868 A 20111123; CN 102256868 B 20141126; EP 2346733 A1 20110727; EP 2346733 B1 20130403; ES 2424136 T3 20130927; HK 1163031 A1 20120907; PL 2346733 T3 20131031; US 2012251353 A1 20121004; US 8939104 B2 20150127; WO 2010054418 A1 20100520

DOCDB simple family (application)
AT 17832008 A 20081117; AT 2009000433 W 20091112; AU 2009316221 A 20091112; CA 2743877 A 20091112; CN 200980146607 A 20091112; EP 09759637 A 20091112; ES 09759637 T 20091112; HK 12103704 A 20120416; PL 09759637 T 20091112; US 200913129475 A 20091112