

Title (en)
Rudder arrangement for a watercraft

Title (de)
Rudervorrichtung für ein Wasserfahrzeug

Title (fr)
Agencement de gouvernail pour embarcations

Publication
EP 2559617 A3 20160601 (DE)

Application
EP 12179354 A 20120806

Priority
DE 102011110884 A 20110817

Abstract (en)
[origin: EP2559617A2] The rudder device (10) has a spade rudder which is supported by the outer wall of the watercraft. A rudder shaft (8) formed from a composite fiber is mounted in a sliding bearing (16) within the watercraft. A rudder lever (46) is more swingable about a longitudinal axis of the rudder shaft. A fixing component (18) for rudder lever is arranged at the end of rudder shaft within the watercraft, to form portion of the sliding bearing.

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

CPC (source: EP KR)
B63G 8/20 (2013.01 - KR); **B63H 25/38** (2013.01 - EP KR); **B63H 25/52** (2013.01 - EP)

Citation (search report)

- [I] WO 2009012305 A2 20090122 - CREIGHTON TIMOTHY [US]
- [A] US 4809631 A 19890307 - KRAMER JAMES H [US]

Cited by
CN103674474A

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 2559617 A2 20130220; EP 2559617 A3 20160601; EP 2559617 B1 20180502; DE 102011110884 A1 20130221;
KR 101504949 B1 20150323; KR 20130020605 A 20130227

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EP 12179354 A 20120806; DE 102011110884 A 20110817; KR 20120089553 A 20120816