Title (en)

IMPROVED RUDDER FOR A BOAT AND ASSEMBLY METHOD THEREOF

Title (de)

VERBESSERTES RUDER FÜR EIN BOOT UND MONTAGEVERFAHREN DAFÜR

Title (fr)

GOUVERNAIL AMÉLIORÉ POUR UN BATEAU ET PROCÉDÉ D'ASSEMBLAGE DE CELUI-CI

Publication

EP 3135576 A1 20170301 (EN)

Application

EP 15182221 A 20150824

Priority

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Abstract (en)

A rudder for a boat comprising a rudder blade (3) rotatable about a first axis (A), an actuator assembly (5) to move the rudder blade (3) and a coupling (4) interposed between the actuator assembly (5) and the rudder blade (3). In particular, the coupling (4) comprises a movable element (11) defining the axis (A), a first body (6) coupled to the movable element (11) to define a second axis (B) transverse, preferably perpendicular, to the first axis (A) and having a first connecting flange (9), and a second body (7) coupled to the movable element (11) and connected to the first body (6) by means of a second connecting flange (9); said connecting flanges (9) are configured so that an intersection (I) between the first and the second axis (A, B) lies within a thickness (S1) of an annular element (31) within which the bodies (6, 7) are housed and to which the flanges (9) are fixed or of the first and second connecting flange (9) coupled to each other.

IPC 8 full level

B63H 25/38 (2006.01)

CPC (source: EP)

B63H 25/382 (2013.01); B63H 2025/385 (2013.01)

Citation (search report)
- [I] WO 2011057913 A1 20110519 - UNIV LJUBLJANI [SI], et al
- [I] US 5346315 A 19940913 - STRONG JEFFREY W [US], et al
- [I] US 3381649 A 19680507 - WARD LYLE O
- [I] US 2653563 A 19530929 - WILLIAM LONG
- [I] US 2014060412 A1 20140306 - ROLLA PHILIP [CH]
- [I] JP S5766096 A 19820422 - KUBOTA LTD

Cited by

FR3065199A1

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

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