

Title (en)

Transmission assembly for boat with surface propeller

Title (de)

Antriebsstrang für einen teilgetauchten Bootspropeller

Title (fr)

Unité de transmission pour une hélice de bateau à immersion partielle

Publication

**EP 1535832 A1 20050601 (EN)**

Application

**EP 04425738 A 20041001**

Priority

IT TO20030780 A 20031003

Abstract (en)

The transmission assembly comprises a shaft (12) for a propeller (13), an arm (11) for rotatably supporting the propeller shaft (12), a mounting element (18) attachable to the stern of a boat, and an articulated joint device for connecting the support arm (11) to the mounting element (18) in such a way that the support arm can execute combined movements of rotation in vertical and horizontal planes. An actuator (31) causes the vertical movements of the support arm (11). An annular element (27) is rotatably mounted about a vertical axis (y) on the mounting element (18) and carries hinge pins (29, 30) for mounting the support arm (11) in such a way as to allow it to rotate in a vertical plane. A splined shaft (25) is coupled in rotation to the annular element (27) and to a control bar (26) that is connectable to another actuator mounted on board the boat to bring about the rotational movements of the annular element (27) and support arm (11) in a horizontal plane. <IMAGE>

IPC 1-7

**B63H 5/125**

IPC 8 full level

**B63H 5/125** (2006.01)

CPC (source: EP)

**B63H 5/125** (2013.01); **B63H 5/1252** (2013.01)

Citation (search report)

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- [YA] US 4645463 A 19870224 - ARNESON HOWARD M [US]
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Cited by

FR2923209A1; WO2009092883A3

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