

Title (en)

DRIVE DEVICE FOR A WATERCRAFT

Title (de)

ANTRIEBSEINRICHTUNG FÜR EIN WASSERFAHRZEUG

Title (fr)

DISPOSITIF DE PROPULSION POUR BATEAU

Publication

**EP 2021234 A1 20090211 (DE)**

Application

**EP 07718457 A 20070524**

Priority

- AT 2007000246 W 20070524
- AT 9492006 A 20060601

Abstract (en)

[origin: US8430701B2] The invention relates to a drive device (1) for a watercraft (2) comprising a U or Z-shaped drive train. The drive torque is preferably deflected in the operating position at least twice about the angle  $(b, g)>0$  via at least two bevel gears (23, 24, 20) between a motor shaft of a drive machine formed, preferably, by an internal combustion engine and at least one propeller shaft (13a, 13b). In order to control said drive device in a simple manner and to obtain achieve high shifting convenience, the housing (G) of the drive device (1) consists of one first, one second and one third housing part (4, 5, 6). The three housing parts (4, 5, 6) are rotationally connected to one another and the first housing part (4) can be securely connected to the pre-fabricated wall (2a) of the watercraft (2). The second housing part (5) is pivotably connected to the first housing part (4) about a first rotational axis (14a) and the third housing part (6) is rotationally connected to the second housing part (5) about a second rotational axis (14b).

IPC 8 full level

**B63H 20/08** (2006.01)

CPC (source: EP US)

**B63H 20/14** (2013.01 - EP); **B63H 20/20** (2013.01 - EP US); **B63H 20/22** (2013.01 - EP US); **B63H 20/12** (2013.01 - EP US);  
**B63H 20/245** (2013.01 - EP US); **B63H 20/285** (2013.01 - EP US); **B63H 2020/006** (2013.01 - EP); **B63H 2023/0258** (2013.01 - US)

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2007137312 A1 20071206**; AT 503798 A4 20080115; AT 503798 B1 20080115; AT E469823 T1 20100615; CA 2653995 A1 20071206;  
CA 2653995 C 20120703; CN 101454198 A 20090610; CN 101454198 B 20120404; DE 502007004020 D1 20100715; DK 2021234 T3 20100830;  
EP 2021234 A1 20090211; EP 2021234 B1 20100602; ES 2346708 T3 20101019; JP 2009538765 A 20091112; PL 2021234 T3 20101130;  
PT 2021234 E 20100706; US 2010323565 A1 20101223; US 8430701 B2 20130430

DOCDB simple family (application)

**AT 2007000246 W 20070524**; AT 07718457 T 20070524; AT 9492006 A 20060601; CA 2653995 A 20070524; CN 200780019289 A 20070524;  
DE 502007004020 T 20070524; DK 07718457 T 20070524; EP 07718457 A 20070524; ES 07718457 T 20070524; JP 2009512363 A 20070524;  
PL 07718457 T 20070524; PT 07718457 T 20070524; US 22785707 A 20070524