

Title (en)
Propulsion drive

Title (de)
Propulsionsantrieb

Title (fr)
Entraînement à propulsion

Publication
EP 1972545 B1 20120801 (DE)

Application
EP 08005520 A 20080325

Priority
DE 202007004477 U 20070323

Abstract (en)
[origin: EP1972545A1] The propulsion drive device (P) has two epicyclic gears (14,15) comprising an epicyclic carrier that is formed as a portion of the propeller shaft (17). The propeller shaft axially supported within the underwater casing (11), has a propeller (18) provided on the outer side of the underwater casing.

IPC 8 full level
B63H 23/02 (2006.01)

CPC (source: EP US)
B63H 20/00 (2013.01 - EP US); **B63H 20/14** (2013.01 - EP US); **B63H 21/17** (2013.01 - EP US); **B63H 2023/0283** (2013.01 - EP US)

Cited by
DE102015212501A1; DE102015212500A1; EP3478570A4; WO2017005414A1; WO2017005415A1; WO2010100092A2; US8821200B2; WO2012148282A1; US9216804B2; DE102009011289A1; WO2010100094A2; DE102017223887A1; WO2019129496A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1972545 A1 20080924; EP 1972545 B1 20120801; CN 201254282 Y 20090610; ES 2391793 T3 20121129; JP 3142137 U 20080605; US 2008233814 A1 20080925

DOCDB simple family (application)
EP 08005520 A 20080325; CN 200820112686 U 20080321; ES 08005520 T 20080325; JP 2008001669 U 20080321; US 5275808 A 20080321