

Title (en)  
OVERBOARD DRIVE MECHANISM

Title (de)  
ÜBERBORD-ANTRIEBSMECHANISMUS

Title (fr)  
MÉCANISME D'ENTRAÎNEMENT EXTÉRIEUR

Publication  
**EP 3030483 A2 20160615 (EN)**

Application  
**EP 14802959 A 20140806**

Priority  
• KE 189113 A 20130806  
• KE 2014000035 W 20140806

Abstract (en)  
[origin: WO2015023003A2] The overboard drive mechanism for boats propulsion and maneuverability on water of the present invention, is manually, solar, and engine powered. The device when connected to the manual system (cycling means), is designed for single cycling and double cycling system. The device also is designed with double gearbox, overboard gearbox and aero gearbox or submersible gearbox which rotates in the overboard gearbox to turn the boat while the propeller is running in water. The maximum rotation of the submersible gearbox/rudder is 360 degrees. The device is portable and is also designed to propel the boat on water by rotating the propeller up in the Air on a high speed. The device can also be used to propel the boat forward and backwards using only steering wheel without reverse gear. The principle use of the present invention is for boat racing, transport, patrol, leisure, rescue during floods and environmental purposes.

IPC 8 full level  
**B63H 16/20** (2006.01); **B63H 20/00** (2006.01); **B63H 20/16** (2006.01); **B63H 23/04** (2006.01)

CPC (source: EP)  
**B63H 16/20** (2013.01); **B63H 20/007** (2013.01); **B63H 20/16** (2013.01); **B63H 23/04** (2013.01); **B63H 2016/202** (2013.01); **B63H 2016/207** (2013.01)

Citation (search report)  
See references of WO 2015023003A2

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

DOCDB simple family (publication)  
**WO 2015023003 A2 20150219; WO 2015023003 A3 20150326; EP 3030483 A2 20160615**

DOCDB simple family (application)  
**KE 2014000035 W 20140806; EP 14802959 A 20140806**