

Title (en)

Water craft driven by human-powered land vehicle

Title (de)

Wasserfahrzeug mit Antrieb durch ein von Menschenkraft angetriebenes Landfahrzeug

Title (fr)

Engin d'eau conduit par un véhicule terrestre à propulsion humaine

Publication

EP 1972544 A3 20081015 (EN)

Application

EP 07254611 A 20071128

Priority

CN 200710088165 A 20070320

Abstract (en)

[origin: EP1972544A2] A human-powered land vehicle, such as a bicycle, is mountable to a collapsible water craft having a compact drive unit which can be pivoted about two orthogonal axes, one (28) for directing the thrust for steering the craft, the other (26) for raising or lowering the thrust assembly. The drive unit is releasably mountable to the frame of the vehicle and is connected in use to receive torque from the crank (6), for instance by an endless chain, and by a remote linkage to the handlebars (7), or like steering device of the vehicle.

IPC 8 full level

B63H 16/20 (2006.01); **B63H 21/175** (2006.01)

CPC (source: EP US)

B63H 16/14 (2013.01 - EP US); **B63H 21/175** (2013.01 - EP US)

Citation (search report)

- [XY] FR 2693427 A1 19940114 - LEONARD PIERRE [FR]
- [Y] DE 19526199 A1 19970123 - RENZ GEORG [DE]
- [Y] FR 1252428 A 19610127
- [A] FR 79399 E 19621123

Cited by

US9821898B1; DE102019009055A1

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)

EP 1972544 A2 20080924; EP 1972544 A3 20081015; CN 101269698 A 20080924; US 2008233813 A1 20080925

DOCDB simple family (application)

EP 07254611 A 20071128; CN 200710088165 A 20070320; US 94635407 A 20071128