

Title (en)

WAVE ENERGY CONVERTER COMPRISING A BUOY AND A SCREW ACTUATOR

Title (de)

WELLENENERGIEWANDLER MIT BOJE UND EINEM SCHRAUBENAKTUATOR

Title (fr)

CONVERTISSEUR D'ÉNERGIE DES VAGUES COMPRENANT UNE BOUÉE ET UN ACTIONNEUR À VIS

Publication

EP 3728830 A4 20220302 (EN)

Application

EP 18854672 A 20180910

Priority

- SE 1751093 A 20170908
- SE 1850170 A 20180216
- SE 1850264 A 20180309
- SE 2018050906 W 20180910

Abstract (en)

[origin: WO2019050466A1] A wave energy converter (100) comprises a buoy (110) and a means (150) for converting linear motion into rotary motion connected to an input shaft (12) of a power take-off device (130). By providing a screw actuator comprised in the means (150) for converting linear motion into rotary motion comprising, a wave energy converter is provided which is cost-efficient and which has improved performance and reliability.

IPC 8 full level

F03B 13/18 (2006.01); **F03B 13/20** (2006.01); **F16H 33/02** (2006.01)

CPC (source: EP)

F03B 13/1845 (2013.01); **F03B 13/20** (2013.01); **F05B 2260/4031** (2013.01); **F05B 2260/40311** (2013.01); **F05B 2260/406** (2013.01); **Y02E 10/30** (2013.01)

Citation (search report)

- [XAI] US 8125097 B1 20120228 - LOMERSON SR ROBERT B [US], et al
- [XAI] GB 2100358 A 19821222 - DABRINGHAUS G REVOCABLE TRUST
- [XAI] US 281370 A 18830717
- [A] US 2010259047 A1 20101014 - CHI WEI-MING [US]
- See references of WO 2019050466A1

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

DOCDB simple family (publication)

WO 2019050466 A1 20190314; EP 3728830 A1 20201028; EP 3728830 A4 20220302

DOCDB simple family (application)

SE 2018050906 W 20180910; EP 18854672 A 20180910