

Title (en)

ASSEMBLY AND METHOD FOR GENERATING WAVES WITHIN A BODY OF WATER

Title (de)

ANORDNUNG UND VERFAHREN ZUR ERZEUGUNG VON WELLEN IN EINEM GEWÄSSER

Title (fr)

ENSEMBLE ET PROCÉDÉ DE GÉNÉRATION D'ONDES À L'INTÉRIEUR D'UN PLAN D'EAU

Publication

**EP 3559377 A2 20191030 (EN)**

Application

**EP 17829312 A 20171219**

Priority

- US 201662438663 P 20161223
- IB 2017058169 W 20171219

Abstract (en)

[origin: WO2018116180A2] A wave generation assembly (212) for generating at least one wave (16) along a water surface (10A) of a body of water (10) includes a drive system (218) and a wave generator (214). The wave generator (214) is coupled to the drive system (218). The drive system (218) is configured to move the wave generator (214) between a first position and a second position. The wave generator (214) includes (i) a generator shaft (226) that is engaged by the drive system (218), and (ii) a generator head (228) that is connected to and extends away from the generator shaft (226). The generator head (228) includes a distal end (228B) having at least one wave creating surface (230). The at least one wave creating surface (230) displaces water at the water surface (10A) when moved from the first position to the second position to generate the at least one wave (16) along the water surface (10A) of the body of water (10).

IPC 8 full level

**E04H 4/00** (2006.01); **A63B 69/00** (2006.01); **A63G 31/00** (2006.01); **F04D 35/00** (2006.01)

CPC (source: EP US)

**A63B 69/0093** (2013.01 - EP); **A63G 31/007** (2013.01 - EP); **E04H 4/0006** (2013.01 - EP US); **F04D 35/00** (2013.01 - EP); **A63B 69/0093** (2013.01 - US); **A63B 2225/60** (2013.01 - EP US); **A63B 2225/605** (2013.01 - EP); **Y02E 10/30** (2013.01 - EP)

Citation (search report)

See references of WO 2018116180A2

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 2018116180 A2 20180628**; **WO 2018116180 A3 20180802**; AU 2017383459 A1 20190704; CA 3048163 A1 20180628; CN 110291266 A 20190927; EP 3559377 A2 20191030; JP 2020507701 A 20200312; MX 2019007392 A 20190816; US 2019323249 A1 20191024

DOCDB simple family (application)

**IB 2017058169 W 20171219**; AU 2017383459 A 20171219; CA 3048163 A 20171219; CN 201780086437 A 20171219; EP 17829312 A 20171219; JP 2019555081 A 20171219; MX 2019007392 A 20171219; US 201716471523 A 20171219