

Title (en)
SURFING WAVE-MAKING APPARATUS AND SURFING PRACTICE FACILITY EQUIPPED WITH SAME

Title (de)
SURFWELLENERZEUGUNGSVORRICHTUNG UND SURFÜBUNGSANLAGE DAMIT

Title (fr)
APPAREIL DE PRODUCTION DE VAGUES POUR PRATIQUER LE SURF ET INSTALLATION POUR LA PRATIQUE DU SURF ÉQUIPÉE DUDIT APPAREIL

Publication
EP 3885011 A4 20211201 (EN)

Application
EP 18940515 A 20181119

Priority
JP 2018042669 W 20181119

Abstract (en)
[origin: EP3885011A1] Provided is a surfing wave-making apparatus that is capable of making the so-called tubular plunging breakers which are suitable for surfing, and which have continuous crests ranging from a collapse stage to a stage immediately before collapse. The present invention comprises: a container body 110 that is open at the front thereof, is equipped with at least a bottom part, and is capable of trapping water in part of the inner space thereof; and a moving track 120 that allows the container body 110 to travel thereon and that is equipped with a slope surface track 121 and an in-pool track 123. The container body 110 falls along the slope surface track 121, plunges into water of the pool as a result of free-fall motion, and travels on the in-pool track 123 in the container body 110 decelerates, only the water held inside is thrust forward in the form of an isolated traveling wave 202 so as to produce a plunging breaker suitable for surfing.

IPC 8 full level
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CPC (source: EP KR US)
A63B 69/0093 (2013.01 - KR US); **A63C 19/10** (2013.01 - EP KR); **A63G 31/007** (2013.01 - KR); **E04H 4/0006** (2013.01 - EP KR US); **E04H 4/14** (2013.01 - KR)

Citation (search report)

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Designated contracting state (EPC)
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Designated extension state (EPC)
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