

Title (en)
SURFACE GRAVITY WAVE GENERATOR AND WAVE POOL

Title (de)
OBERFLÄCHENSCHWERKRAFT-WELLENGENERATOR UND WELLENBAD

Title (fr)
GÉNÉRATEUR D'ONDE DE GRAVITÉ DE SURFACE ET PISCINE À VAGUES

Publication
EP 2912242 B1 20181205 (EN)

Application
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Priority

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- US 2013059498 W 20130912

Abstract (en)
[origin: WO2014043372A1] A wave pool (100) for generating surfable waves wherein the pool defines a channel (106) having a first side wall, a second side wall, and a bottom with a contour that slopes upward from a deep area proximate the first side wall toward a sill (206) defined by the second side wall, the pool (100) further including at least one foil (302) at least partially submerged in the water near the side wall, and being adapted for movement by a moving mechanism in a direction along the side wall for generating a wave in the channel that forms a breaking wave on the sill, wherein the pool (100) further includes one or more passive flow control mechanisms to mitigate a mean flow of the water induced by the movement of the at least one foil in the direction along the side wall.

IPC 8 full level
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