

Title (en)

WAVE FACILITY FOR CREATING AN ARTIFICIAL WAVE OF WATER

Title (de)

WELLENANLAGE ZUM ERZEUGEN EINER KÜNSTLICHEN WASSERWELLE

Title (fr)

SYSTÈME POUR LA PRODUCTION D'UNE VAGUE ARTIFICIELLE

Publication

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Application

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Abstract (en)

[origin: WO2018083264A1] The invention relates to a wave facility for creating an artificial wave (14), preferably a wave of water, for surfing. At least one wave trough (11) is provided, through which a liquid, in particular water (13), can flow from an inlet to an outlet to create the at least one wave (14), wherein in the wave trough (11) preferably an in particular adjustable guide device (12) is arranged to generate a wave (14) in the flowing liquid. At least one pump (15) is provided to convey liquid coming out of the outlet of the wave trough (11) to the inlet via a conveying section (17) for said liquid to flow through the wave trough (11), wherein at least one electrical component, preferably at least one electric device or at least one electric component of the at least one pump (15), is arranged in the region of the conveying section (17) between the outlet and the inlet of the wave trough (11). The invention is characterised in that electric insulation (25) is provided on the wall of the conveying section (17) between the at least one electric component arranged in the liquid and the wave trough (11). Alternatively, the at least one electric component can be arranged spatially separate from the liquid.

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