

ABSTRACT**A DYNAMIC ARTIFICIAL WAVE FACILITY FOR
THE PRACTICE OF SURFING**

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The facility comprises a wave generator (12), a support (11) comprising an edge zone (15), a culminating zone (17), a progression zone (16) sloping upwardly between the edge and culminating zones, a crest (30) between the culminating zone and a depressed zone (31) which is depressed relative to the crest, water situated over the edge and progression zones, which forms part of an aquatic environment (23) comprising horizontally contiguous upper (25) and deep (26) regions which are respectively higher than and lower than the edge zone, and an inner zone (24) over the edge and progression zones and which is vertically contiguous with the upper region; the facility being configured such that the water at end of travel of the waves gets past the crest and falls into a reception volume delimited by the depressed zone when the generator is in use; and a fluidic communication (27) below the support linking said deep region to an opening (33, 39) that is open to said reception volume.

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(Figure 5)