

**WAVE GENERATOR SYSTEM WITH A LATERAL MOVING WAVE
BARRIER FOR THE GENERATION OF WAVES IN TWO AREAS OF
WATER**

5

ABSTRACT

Wave generator system (1), comprising a continuous and elongated barrier (4) that has a front side (4a) facing a first mass of water (2) fitted with a first reef (12) and a rear side (4b) facing a second mass of water (3) fitted with a second reef (15). The barrier (4) can move along the length (L) with a serpentine movement, and the front (4a) and rear sides (4b) push water from the masses of water (2, 3) towards the respective reefs (12, 15) for the formation of waves in the first mass of water (2) and in the second mass of water (3).

[FIG.2]