

Title (en)
Wave making apparatus.

Title (de)
Wellenerzeuger.

Title (fr)
Générateur de vagues.

Publication
EP 0293831 A1 19881207 (EN)

Application
EP 88108691 A 19880531

Priority
JP 13497987 A 19870601

Abstract (en)
Wave making apparatus comprises: a wave generating plate (12) having a wave generating face (13) inclined toward the center of a wave pool relative to the stationary surface of water (22) in the wave pool and a device moving said wave generating plate (12) along a wall (18) inclined upward and backward relative to the center of the wave pool. A drive unit has a drive shaft (14) provided with the wave generating plate (12), a mount (16) supporting the drive shaft (14) and a drive device moving the wave generating plate (12) along the wall (18) through the drive shaft (14). The wave generating plate (12) is inclined toward the center of the wave pool at an angle of 10 DEG to 40 DEG relative to the vertical plane. The wall (18) is inclined backward relative to the center of the wave pool at an angle of 30 DEG to 50 DEG relative to the vertical plane.

IPC 1-7
E04H 3/18

IPC 8 full level
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Citation (search report)

- [X] FR 2291803 A1 19760618 - ALSTHOM CGEE [FR]
- [Y] US 3350724 A 19671107 - LEIGH WALTER J
- [Y] US 3005207 A 19611024 - MIKLOS MATRAI
- [A] GB 1592452 A 19810708 - IND & COMMERCIAL ELECTRONICS L

Cited by
CN113295380A; CN108221844A; US11236521B2; CN110346112A; EP1242703A4; CN103620134A; US10119284B1; DE102010035117A1; DE102010035117B4; CN115126305A; CN117433743A; AU2017251684A1; CN109342309A; US11708700B2; WO2006060866A1; WO2012150908A1; WO9404652A1; WO2004076779A1; EP1825081B1; US6912738B2; US11534672B2

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