

Title (en)
WAVE GENERATOR

Publication
EP 0236653 B1 19900704 (FR)

Application
EP 86440104 A 19861201

Priority
FR 8518454 A 19851211

Abstract (en)
[origin: EP0236653A1] 1. System for generating an artificial surge or swell in an ocean engineering experimental basin or dock, of the type having a beater constituted by a cylindrical float parallel to the rear wall of the basin, characterized in that the section of said float, i.e. the generatrix of said cylinder, has a substantially vertical rear side, i.e. substantially parallel to said rear wall, and a nose-shaped front side, and said float is associated with mechanical means imparting to it a horizontal alternating movement, the mean distance between the rear wall of the float and the rear wall of the basin being chosen in such a way that a resonance phenomenon is created between the swell train produced by the oscillations of the water column between said walls and that created by the movement of the float, the superimposing of these two trains giving rise to a very high transfer function in a chosen swell period interval.

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F04D 35/00

IPC 8 full level
A47K 3/10 (2006.01); **E04H 4/00** (2006.01); **F04D 35/00** (2006.01)

CPC (source: EP KR)
E02B 1/006 (2013.01 - EP); **E02B 1/02** (2013.01 - EP); **E04H 4/0006** (2013.01 - EP); **F04D 35/00** (2013.01 - KR)

Cited by
AU2017251684A1; AU2017251684B2; US5320449A; TR25853A; US9920544B1; WO9114062A1; WO9845553A1; US6217256B1

Designated contracting state (EPC)
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