

Title (en)

On-water/underwater movable toy

Title (de)

Auf Wasser und unter Wasser bewegliches Spielzeug

Title (fr)

Jouet pouvant se déplacer sur/sous l'eau

Publication

**EP 1925350 A1 20080528 (EN)**

Application

**EP 07022389 A 20071119**

Priority

JP 2006316374 A 20061122

Abstract (en)

The present invention provides an on-water/underwater movable toy which has the optimal form for high-speed on-water cruising like a leisure boat and a racing boat, and which can also cruise underwater. The on-water/underwater movable toy according to the present invention comprises: a hull having a boat-shaped deck board (4) that is in close contact with a boat bottom (18) without any clearance therebetween; a screw (26) mounted under said boat bottom; a ladder (30) controllably mounted on said boat bottom; a recess (12) prepared on a boat stern, the recess getting deeper toward the direction of movement; and an elevator (34) disposed at the lower end of said recess, having a shape similar to that of said recess, and being controllably pivotable about a horizontal axis defined by the two elevator-holding axis supports (32) projecting downward from the rear portion of the boat bottom.

IPC 8 full level

**A63H 23/04** (2006.01)

CPC (source: EP US)

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Citation (applicant)

JP 2000262771 A 20000926 - KUMAZAWA ITSUO

Citation (search report)

- [A] FR 1169560 A 19581231
- [A] FR 893264 A 19440605
- [A] US 4241535 A 19801230 - TSUKUDA MITSUO [JP]
- [A] DE 1112934 B 19610817 - SCHREYER & CO

Cited by

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DOCDB simple family (publication)

**EP 1925350 A1 20080528**; JP 2008125919 A 20080605; US 2008119106 A1 20080522

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