

Title (en)

Apparatus for removing marine organisms and the like

Title (de)

Vorrichtung zum Entfernen von marinen Organismen und dergleichen

Title (fr)

Dispositif d'élimination d'organismes marins et similaires

Publication

**EP 1273360 A3 20031217 (EN)**

Application

**EP 01128752 A 20011203**

Priority

JP 2001205939 A 20010706

Abstract (en)

[origin: EP1273360A2] To provide a simple apparatus for removing deposits such as marine organisms from a wall of an underwater structure by applying a natural force such as wave force and tidal force and not by chemicals and the like, in which the apparatus includes many floating bodies (1) prepared by linking the apparatus to perform an operation for removing deposits, and deforms with floating and repeats collision with the wall of the underwater structure to allow effective removal of deposits such as marine organisms. The apparatus for removing marine organisms and the like by floating and colliding the removing apparatus around and with, respectively, a surface of or a position about an underwater or undersea structure, in which the apparatus includes a plurality of elongated spherical hollow bodies or solid bodies (1) to link each other and a protection cover (5) to cover an outer circumference of the hollow body or the solid body, wherein the protection cover is made of a resin having a durometer hardness ranging from 75 to 85. <IMAGE>

IPC 1-7

**B08B 1/00**; **B63B 59/08**; **E02B 17/00**; **B08B 7/02**

IPC 8 full level

**E02B 1/00** (2006.01); **B08B 1/00** (2006.01); **B63B 59/08** (2006.01); **B63B 59/10** (2006.01); **E02B 17/00** (2006.01)

CPC (source: EP US)

**B08B 1/00** (2013.01 - US); **B08B 7/02** (2013.01 - EP); **B63B 59/08** (2013.01 - EP US); **E02B 17/0034** (2013.01 - EP US); **B63B 2059/087** (2013.01 - EP US)

Citation (search report)

- [A] US 5894808 A 19990420 - MIYOSHI ISAO [JP]
- [A] US 5598804 A 19970204 - VOSTITSANOS LAZAROS J [US]
- [A] US 5791818 A 19980811 - NG HOCK LOO [MY]
- [XD] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04 31 August 2000 (2000-08-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05 31 May 1999 (1999-05-31)

Cited by

CN111253125A; WO2008123761A1

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