

Title (en)

Method of mining the sea bed

Title (de)

Verfahren für den Meeresbodenabbau

Title (fr)

Exploitation minière du fond marin

Publication

EP 1811127 A1 20070725 (EN)

Application

EP 06447012 A 20060120

Priority

EP 06447012 A 20060120

Abstract (en)

The present invention relates to a method of determining an efficient extraction of solid material from a seabed (12) by means of a vessel (1) equipped with a dredging unit (3) for removing a suspension of solid material from the seabed (12), which method comprises the steps i) measuring the rate at which solid material is extracted i.e. the throughput, and ii) determining an efficient extraction if the throughput is above a defined level. It also relates to a method for making a survey map, a device and computer program implementing the method.

IPC 8 full level

E02F 9/06 (2006.01); **E21C 45/00** (2006.01)

CPC (source: EP)

E02F 3/907 (2013.01); **E21C 50/00** (2013.01)

Citation (applicant)

- JP H10159125 A 19980616 - HONMAGUMI KK, et al
- JP H11286957 A 19991019 - ISHIKAWAJIMA HARIMA HEAVY IND
- JP S5888636 A 19830526 - MITSUBISHI HEAVY IND LTD
- JP 2000017684 A 20000118 - ISHIKAWAJIMA HARIMA HEAVY IND

Citation (search report)

- [Y] US 3512281 A 19700519 - HADJIDAKIS ACHILLES
- [XY] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 11 30 September 1998 (1998-09-30)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 01 31 January 2000 (2000-01-31)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 007, no. 188 (P - 217) 17 August 1983 (1983-08-17)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04 31 August 2000 (2000-08-31)

Cited by

CN104712003A; CN106592674A; US9777462B2; WO2015086856A1; JP2014528524A; EP3717704B1; EP3717704B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1811127 A1 20070725; BE 1018431 A3 20101109; NL 1033266 A1 20070723; NL 1033266 C2 20090407

DOCDB simple family (application)

EP 06447012 A 20060120; BE 200700025 A 20070122; NL 1033266 A 20070122