

Title (en)

DEVICE FOR CUTTING AND OPENING/CLOSING A HOLE IN A WALL ON THE SEABED

Title (de)

VORRICHTUNG ZUM SCHNEIDEN UND ÖFFNEN/SCHLIESSEN EINES LOCHES IN EINE WAND AUF DEM MEERESGRUND

Title (fr)

DISPOSITIF DE DECOUPE ET OUVERTURE/FERMETURE D'UN ORIFICE DANS UNE PAROI AU FOND DE LA MER

Publication

EP 2125503 A1 20091202 (FR)

Application

EP 08762184 A 20080303

Priority

- FR 2008050356 W 20080303
- FR 0701540 A 20070302

Abstract (en)

[origin: FR2913228A1] The device (1) has an anchoring unit for anchoring a base in a reversible manner on a bottom wall (6) of the sea by maintaining a large orifice at a distance from the wall. A circular cutting unit is integrated to the base and displaced in the large orifice of the base for cutting a small circular orifice below the large orifice, when a stopper is in a closure position and the base is anchored on the wall. The cutting unit is disengaged from the large orifice for opening the small circular orifice when the stopper is in an open position. Independent claims are also included for the following: (1) a method for installing and anchoring a base on a bottom wall of the sea and for cutting a small orifice in the wall (2) a method for recovering a viscous fluid contained in a tank of a damaged or wrecked ship.

IPC 8 full level

B63C 7/16 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2008116997A1

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DOCDB simple family (publication)

FR 2913228 A1 20080905; **FR 2913228 B1 20090529**; AT E514624 T1 20110715; EP 2125503 A1 20091202; EP 2125503 B1 20110629; US 2010058967 A1 20100311; US 8186294 B2 20120529; WO 2008116997 A1 20081002

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