

Title (en)
Underwater core sampling apparatus

Title (de)
Unterwasserkernvorrichtung

Title (fr)
Appareil de carottage sous-marin

Publication
EP 1564368 A3 20051109 (EN)

Application
EP 05100904 A 20050209

Priority
IT LI20040004 U 20040217

Abstract (en)
[origin: EP1564368A2] A core sampling apparatus comprising core sampling means (10, 8) suitable for being driven in an underwater bed to take a sample thereof. The apparatus comprises a turret (1) for supporting the core sampling means (8, 10), the turret comprising in turn a substantially flat base (1a) for being rested on the underwater bed, and guide means (1c) extending perpendicularly from the base (1a), for slidingly supporting the sampling means (10, 8), the apparatus also comprising drive means (7, 5) supported by the turret (1) for controlling the sliding of the sampling means (8, 10) along the guide means (1c). <IMAGE>

IPC 1-7
E21B 25/18; E21B 7/124

IPC 8 full level
E21B 7/124 (2006.01); **E21B 25/00** (2006.01); **E21B 25/18** (2006.01)

CPC (source: EP)
E21B 7/124 (2013.01); **E21B 25/00** (2013.01); **E21B 25/18** (2013.01)

Citation (search report)

- [XA] GB 1244382 A 19710902 - WERF CONRAD ED STORK HIJSCH N [NL]
- [X] GB 1321919 A 19730704 - INST FRANCAIS DU PETROLE
- [X] US 3442339 A 19690506 - WILLIAMSON THOMAS N
- [A] AU 415610 B
- [A] US 3469820 A 19690930 - HORTON EDWARD E
- [A] US 3516503 A 19700623 - MAYER ERNEST F, et al
- [A] FR 2085365 A7 19711224 - COCEAN
- [A] GB 2152100 A 19850731 - WINK FREDERICK WILLIAM
- [A] US 3301336 A 19670131 - MOUNT WADSWORTH W
- [A] JP H04174189 A 19920622 - KOKEN KOGYO KK
- [A] US 3533478 A 19701013 - TISSIER JEAN-MICHEL MARIE
- [A] EP 0293251 A2 19881130 - CONOCO INC [US]
- [A] US 3670830 A 19720620 - WIJDEN FRANCISCUS THEODORUS MA
- [A] GB 1009283 A 19651110 - INST FRANCAIS DU PETROLE
- [A] NL 7414201 A 19760504 - RUITER VERENIGDE BEDRIJVEN B V

Cited by
CN111964961A; CN116696267A; US11041344B1; CN113309478A; CN114436404A; EP2877839A4; ITFI20100097A1; GB2510581A; EP2354438A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1564368 A2 20050817; EP 1564368 A3 20051109; IT LI20040004 U1 20040517

DOCDB simple family (application)
EP 05100904 A 20050209; IT LI20040004 U 20040217