

Title (en)
APPARATUS FOR CONFINING AND CONTROLLING A FLOW OF FLUID FROM AN OIL/GAS SOURCE, ESPECIALLY IN AN UNCONTROLLED BLOW-OUT ON THE SEA BED

Publication
EP 0117858 A3 19851106 (EN)

Application
EP 84850058 A 19840222

Priority
NO 830639 A 19830223

Abstract (en)
[origin: EP0117858A2] An apparatus for confining and controlling a flow of fluid from an oil/gas source, especially is an uncontrolled blow-out from a location on the sea bed. The apparatus comprises a confinement member (1) arranged to be placed on and attached to the sea bed or the like over the blow-out location, and which comprises at least two sections (2, 3) arranged to be moved laterally together and locked to each other in a position in which the sections together define a central, downwards open cavity (4) passing into a first upwards directed flow passage (5), one of the sections alone defining a second upwards directed flow passage (6) communicating with the cavity. The passages (5, 6) are provided with respective closing means (17 resp. 27) arranged to be operated in such a manner that the first passage (5) is closed during simultaneous opening of the second passage (6), the second passage (6) being connected to conduits (7) for carrying off the flow of fluid. The two sections (2, 3) are preferably connected to each other by a hinge means having an axis which extends essentially parallel to the first flow passage (5).

IPC 1-7
E02B 15/04; **E21B 43/01**

IPC 8 full level
E21B 33/037 (2006.01); **E21B 43/01** (2006.01)

CPC (source: EP US)
E21B 33/037 (2013.01 - EP US); **E21B 43/0122** (2013.01 - EP)

Citation (search report)

- [A] GB 1367200 A 19740918 - OCEANEERING INT INC
- [A] US 3327667 A 19670627 - MANNING WILLIAM F
- [A] US 4283159 A 19810811 - JOHNSON ALBERT O, et al
- [A] US 4290714 A 19810922 - STRANGE BOOTH B
- [A] US 3674150 A 19720704 - LEJEUNE LLOYD M
- [A] WO 8100875 A1 19810402 - DUPONT J
- [A] WO 8101310 A1 19810514 - OSTLUND AS [NO], et al
- [A] US 3724662 A 19730403 - ORTIZ A
- [AD] US 3548605 A 19701222 - PAULL PETER L, et al

Cited by
US9677385B2; FR2674900A1; FR2676090A1; EA017892B1; FR2676088A1; ITMC20100063A1; GB2254632A; FR2676499A1; DE102010022650A1; CN108661605A; FR2675199A1; DE102011001987A1; US2016003012A1; WO2011151021A2; WO2011163573A3; WO2012002818A1; US8887812B2; US9650874B2; WO2012135383A1; WO2013004495A3; WO2014135267A1

Designated contracting state (EPC)
BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0117858 A2 19840905; **EP 0117858 A3 19851106**; BR 8400841 A 19841002; DK 87184 A 19840824; DK 87184 D0 19840222; NO 830639 L 19840824

DOCDB simple family (application)
EP 84850058 A 19840222; BR 8400841 A 19840223; DK 87184 A 19840222; NO 830639 A 19830223