

Title (en)
SEA PLATFORM, PARTICULARLY DERRICK PLATFORM AND METHOD FOR THE ASSEMBLY THEREOF.

Title (de)
SCHWIMMENDE INSEL, INSBESONDERE BOHRINSEL, UND VERFAHREN ZU DEREN VERANKERUNG.

Title (fr)
PLATE-FORME MARINE, NOTAMMENT DE FORAGE, ET PROCEDE DE MISE EN PLACE S'Y RAPPORTANT.

Publication
EP 0080471 A1 19830608 (FR)

Application
EP 82901600 A 19820604

Priority
FR 8111254 A 19810605

Abstract (en)
[origin: WO8204233A1] The platform comprises a body (1) having a density less than one, said body (1) carries a loading (6, 7, 27) and is connected to anchoring means (9) at the sea bottom (11) by mechanical tension linking means (12) so that it is totally immersed when in operation. The upper structure comprising the body (1) and its loading (6, 7, 27) have a positive buoyancy even when the loading reaches its maximum rated mass. The linking means (12) are a single attachment or a plurality of parallel attachments. Taking into account foreseeable lateral efforts (L) and the water depth (h) on the site, the body (1) is dimensioned so that the upward thrust (T) is sufficient to prevent the lateral drift (d) from exceeding a value considered as the maximum admissible value. Application particularly to the drilling or collecting of various energies.

Abstract (fr)
La plate-forme comprend un corps (1) de densite inferieure a l'unite, ce corps (1) porte un chargement (6, 7, 27) et est relie a des moyens d'ancrage (9) au fond de l'eau (11) par des moyens de liaison sous tension mecanique (12) de facon qu'il se trouve en service totalement immerge. La structure superieure comprenant le corps (1) et son chargement (6, 7, 27) ont une flottabilite positive meme lorsque le chargement atteint sa masse maximale prevue. Les moyens de liaison (12) sont une attache unique ou plusieurs attaches paralleles. Compte tenu des efforts lateraux previsibles (L) et de la profondeur de l'eau (h) sur le site, le corps (1) est dimensionne de facon que la poussee ascendante (P) soit suffisante pour que la derive laterale (d) n'excede pas une valeur consideree comme la valeur maximale admissible. Utilisation en particulier pour le forage ou le captage d'energies diverses.

IPC 1-7
B63B 21/50

IPC 8 full level
B63B 9/06 (2006.01); **B63B 21/50** (2006.01); **E21B 17/01** (2006.01)

CPC (source: EP US)
B63B 21/502 (2013.01 - EP); **B63B 75/00** (2020.01 - EP US); **E21B 17/01** (2013.01 - EP US); **F03D 13/25** (2016.05 - EP); **B63B 2035/446** (2013.01 - EP); **E02B 2017/0091** (2013.01 - EP); **F05B 2240/93** (2013.01 - EP); **F05B 2240/95** (2013.01 - EP); **Y02E 10/72** (2013.01 - EP); **Y02E 10/727** (2013.01 - EP)

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

DOCDB simple family (publication)
WO 8204233 A1 19821209; EP 0080471 A1 19830608; FR 2507146 A1 19821210; FR 2507146 B1 19831202

DOCDB simple family (application)
FR 8200094 W 19820604; EP 82901600 A 19820604; FR 8111254 A 19810605