

Title (en)

Oil storage method and system

Title (de)

Methode und System zur Öllagerung

Title (fr)

Méthode et système de stockage de pétrole

Publication

EP 1764315 B1 20100421 (EN)

Application

EP 05020272 A 20050916

Priority

EP 05020272 A 20050916

Abstract (en)

[origin: EP1764315A1] An underwater oil storage method, which includes the steps of: a) excavating a cellar in the ground earth (10) and constructing a wall structure (20) in the cellar to form a water pool (30), b) setting an oil tank (40) in the water pool (30), c) supplying a predetermined amount of water to the water pool (30), and d) filling the oil to be stored into the oil tank (40) and regulating the amount of water in the water pool (30) subject to the amount of storage oil stored in the oil tank (40) for enabling water in the water pool (30) to support the oil tank (40) and storage oil in the oil tank (40) and to keep the oil tank (40) in balance by means of the physical characteristic that the specific gravity of the storage oil is lower than water.

IPC 8 full level

B65D 88/76 (2006.01); **B65D 90/50** (2019.01); **B65D 88/78** (2006.01)

CPC (source: EP US)

B65D 88/78 (2013.01 - EP); **B65D 90/50** (2013.01 - EP US)

Cited by

CN109779820A; WO2017144068A1

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

DOCDB simple family (publication)

EP 1764315 A1 20070321; **EP 1764315 B1 20100421**; AT E465104 T1 20100515; DE 602005020788 D1 20100602

DOCDB simple family (application)

EP 05020272 A 20050916; AT 05020272 T 20050916; DE 602005020788 T 20050916