

Title (en)
STORAGE FACILITY FOR THE STORAGE OF HIGHLY VOLATILE HYDROCARBONS

Title (de)
LAGERSTÄTTE ZUR LAGERUNG VON LEICHT FLÜCHTIGEN KOHLENWASSERSTOFFEN

Title (fr)
SITE DE STOCKAGE SERVANT AU STOCKAGE D'HYDROCARBURES FACILEMENT VOLATILS

Publication
EP 3206970 A1 20170823 (DE)

Application
EP 14799100 A 20141016

Priority
EP 2014002792 W 20141016

Abstract (en)
[origin: WO2016058622A1] The invention relates to a storage facility for the storage of highly volatile hydrocarbons, comprising at least one vertical round tank (1) which is equipped with a floating cover (5), covering the liquid surface, in the form of a floating roof or a floating ceiling, wherein an annular space (8) formed between the cover (5) and tank wall (3) is sealed by means of flexible sealing elements (9) and wherein fittings (12, 13) for automatic control of overpressures and underpressures in the space (4) under the cover (5) are integrated into the cover (5). The fittings (12, 13) of the at least one round tank (1) are connected to a vapour line (14), the upper end of which is led out of the tank (1) and is in turn connected to a separate vapour expansion tank (15), wherein the round tank (1) and the vapour compensation tank (15) form a closed system.

IPC 8 full level
B65D 88/40 (2006.01); **B65D 88/42** (2006.01); **B65D 90/32** (2006.01)

CPC (source: EP US)
B65D 85/70 (2013.01 - US); **B65D 88/06** (2013.01 - US); **B65D 88/40** (2013.01 - EP US); **B65D 88/42** (2013.01 - EP US);
B65D 90/12 (2013.01 - US); **B65D 90/28** (2013.01 - US); **B65D 90/32** (2013.01 - EP US)

Citation (search report)
See references of WO 2016058622A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016058622 A1 20160421; EP 3206970 A1 20170823; EP 3206970 B1 20190403; US 2017305657 A1 20171026

DOCDB simple family (application)
EP 2014002792 W 20141016; EP 14799100 A 20141016; US 201415518357 A 20141016