

Title (en)
LNG STORAGE TANK

Title (de)
LNG-SPEICHERBEHÄLTER

Title (fr)
RÉSERVOIR DE STOCKAGE DE GNL

Publication
EP 2676066 A1 20131225 (EN)

Application
EP 12705498 A 20120214

Priority
• EP 11154318 A 20110214
• NL 2012050080 W 20120214
• EP 12705498 A 20120214

Abstract (en)
[origin: EP2487400A1] Disclosed is a concrete tank for very large LNG tanks . The invention utilizes membrane technology in concrete structures that deviate from the standard cylindrical constructions. Typical concrete housings of the invention are a parallelepipedic structure, or an annular structure comprising two concentric walls. Both structures can be covered by a gabled or an arched roof, and avoid the size limitations imposed on cylindrical structures as a result of the size limitations inherent to concrete domes. The invention proposes also several ways to improve the available working height of LNG within such concrete structures of a given height.

IPC 8 full level
F17C 3/02 (2006.01)

CPC (source: EP)
F17C 3/022 (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/0128** (2013.01); **F17C 2201/0157** (2013.01); **F17C 2201/0166** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/052** (2013.01); **F17C 2203/0333** (2013.01); **F17C 2203/0354** (2013.01); **F17C 2203/0358** (2013.01); **F17C 2203/0631** (2013.01); **F17C 2203/0651** (2013.01); **F17C 2203/0678** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2223/033** (2013.01); **F17C 2223/047** (2013.01); **F17C 2227/0135** (2013.01); **F17C 2227/0178** (2013.01); **F17C 2270/0136** (2013.01)

Citation (search report)
See references of WO 2012112038A1

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

DOCDB simple family (publication)
EP 2487400 A1 20120815; CN 103370567 A 20131023; EP 2676066 A1 20131225; WO 2012112038 A1 20120823

DOCDB simple family (application)
EP 11154318 A 20110214; CN 201280008730 A 20120214; EP 12705498 A 20120214; NL 2012050080 W 20120214