Title (en)

PROCESS FOR CONSTRUCTING A STORAGE TANK FOR A LOW-TEMPERATURE LIQUID, AND TANK OBTAINED

Publication

EP 0022384 B1 19840404 (FR)

Application

EP 80400827 A 19800609

Priority

FR 7914716 A 19790608

Abstract (en)

[origin: WO8002733A1] Process for constructing a tank for storing natural gas liquefied at a low temperature. This process comprises the securing on the inner wall (22) of the concrete tank (3) a first thin coating (21) forming a first sealing barrier, then filling completely the space between the chamber (2) and the concrete tank (3) by means of a heat insulation structure comprising an assembly of piled up blocks (25) of insulating material, associated to a second thin coating (24) forming a second sealing barrier, said structure being carried by the concrete tank and arranged simply around the inner chamber. The construction process applies particularly to tanks for storing liquefied natural gas implanted on the ground.

IPC 1-7

F17C 3/02; E04H 7/18

IPC 8 full level

F17C 3/02 (2006.01); **F17C 3/04** (2006.01)

CPC (source: EP US)

F17C 3/022 (2013.01 - EP US); **F17C 3/04** (2013.01 - EP US); F17C 2203/0333 (2013.01 - EP US); F17C 2203/035 (2013.01 - EP US); F17C 2203/0607 (2013.01 - EP US); F17C 2203/0629 (2013.01 - EP US); F17C 2203/0639 (2013.01 - EP US); F17C 2203/0678 (2013.01 - EP US); F17C 2203/0695 (2013.01 - EP US); F17C 2209/227 (2013.01 - EP US); F17C 2209/232 (2013.01 - EP US); F17C 2209/238 (2013.01 - EP US); F17C 2221/033 (2013.01 - EP US); F17C 2223/0161 (2013.01 - EP US); F17C 2223/033 (2013.01 - EP US); F17C 2260/033 (2013.01 - EP US); Y10S 52/04 (2013.01 - EP US); Y10S 220/901 (2013.01 - EP US)

Cited by

CN112012475A; EP0261033A1; FR2604157A1; CN106461157A; RU2669083C2; WO2015120965A3

Designated contracting state (EPC)

BE DE GB IT NL SE

DOCDB simple family (publication)

EP 0022384 A1 19810114; **EP 0022384 B1 19840404**; DE 3067330 D1 19840510; FR 2458740 A1 19810102; FR 2458740 B1 19811211; JP H0210320 B2 19900307; JP S56500665 A 19810514; US 4513550 A 19850430; WO 8002733 A1 19801211

DOCDB simple family (application)

EP 80400827 A 19800609; DE 3067330 T 19800609; FR 7914716 A 19790608; FR 8000091 W 19800609; JP 50124480 A 19800609; US 23359381 A 19810208