

Title (en)

Gas tank with protection system for underground installation

Title (de)

Schutzvorrichtung für in die Erde versenkbare Flüssiggasbehälter

Title (fr)

Installation de protection pour citernes de gaz liquéfié destinées à être enterrées

Publication

EP 1435481 A1 20040707 (EN)

Application

EP 03078057 A 20030926

Priority

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- EP 02425656 A 20021030

Abstract (en)

A gas tank with protection system for underground installation is described in which the protection system comprises a sack (11) that contains the tank (10) and gas permeable material (12) arranged in such a manner as to constitute a layer around the tank. The sack (11) can be material impermeable to water and gas or a material with . micrometric pores. The tank with its protection system is a product which, although offers excellent safety guarantees as far as ground pollution is concerned, is easy and cheap to produce and install. A method of assembling the tank and its protection system is also described. <IMAGE>

IPC 1-7

F17C 1/00

IPC 8 full level

F17C 1/00 (2006.01)

CPC (source: EP)

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Citation (search report)

- [Y] AT 231903 B 19640225 - BP BENZIN UND PETROLEUM AG [DE], et al
- [Y] EP 0565444 A1 19931013 - LEFLAIVE ETIENNE [FR], et al
- [A] DE 1812859 A1 19691016 - ROHMER RICHARD HEATH
- [A] BE 1013583 A6 20020402 - J REMACLE ETS [BE]
- [A] FR 748880 A 19330712
- [A] EP 0752555 A1 19970108 - TOSTO WALTER SERBATOI SPA [IT]
- [Y] "UNE NOUVELLE GENERATION DE CITERNES ENTERREES A NEW GENERATION OF BURIED TANKS", PETROLE INFORMATIONS, SOCIDOC-BIP. PARIS, FR, no. 29, 1 October 1993 (1993-10-01), pages 15 - 17, XP000403867, ISSN: 0150-6463

Cited by

CN102588727A; US11680684B2; US12038135B2; US10837601B2; US12025277B2

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