

Title (en)

Method and apparatus for leaching out cavities in salt formations.

Title (de)

Verfahren und Vorrichtung zum Aussolen von Kavernen in Salzformationen.

Title (fr)

Procédé et dispositif pour excaver des formations salines par dissolution.

Publication

EP 0629769 A3 19950628 (DE)

Application

EP 94109174 A 19940615

Priority

DE 4319941 A 19930616

Abstract (en)

[origin: EP0629769A2] Method and apparatus for leaching out salt cavities for the storage of natural gas with the use of natural gas as blanket medium, with a pipe string (1) cemented in the overburden (11) and in the salt dome (13) down to the cavity roof (15), a gas-delivery string (3) put into the pipe string (1) in a sealed-off manner and likewise extending down to the cavity roof, a protective liquid filling the annular space between the pipe strings, an outer flushing-pipe string (6) put into the gas-delivery string, variable in length and extending down below the blanket level, and an inner flushing-pipe string (8) located underneath, put into the outer flushing-pipe string and variable in length. <IMAGE>

IPC 1-7

E21B 43/28

IPC 8 full level

E21B 43/28 (2006.01); **E21C 41/20** (2006.01)

CPC (source: EP)

E21B 43/28 (2013.01)

Citation (search report)

- [A] DE 1458622 A1 19690918 - EXXON RESEARCH ENGINEERING CO
- [A] FR 2080955 A1 19711126 - ALLIED CHEM
- [PX] DE 9312955 U1 19931007 - THYSSEN GAS [DE]

Cited by

WO2018114013A1; EA009798B1; CN102606146A; CN103075140A; WO2018114012A1

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DE 9312955 U1 19931007; DE 4319941 A1 19941222; DE 4319941 C2 19951123; DE 4319941 C3 20020808; DK 0629769 T3 19990802; EP 0629769 A2 19941221; EP 0629769 A3 19950628; EP 0629769 B1 19981118

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