

Title (en)
INSTALLATION FOR STORING GAS UNDER PRESSURE

Title (de)
ANLAGE ZUR LAGERUNG VON GAS UNTER DRUCK

Title (fr)
INSTALLATION DE STOCKAGE DE GAZ SOUS PRESSION

Publication
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Application
EP 15721769 A 20150407

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Abstract (en)
[origin: WO2015155467A1] The present invention relates to an installation for storing gas under pressure with a reservoir (6) which is designed to store gases at an internal pressure of the reservoir, a pressure tight membrane (15) arranged on the internal wall of the reservoir, a structural wall (16) arranged on the outside of the reservoir, a crack control device (29) and a drainage installation (17) which are incorporated into the structural wall (16). The crack control device comprises a certain number of crack control elements (29) which are constructed and arranged in such a way that cracks formed in the structural wall extend in preferential directions from the membrane (15) toward the drainage installation (17), and the drainage installation (17) is formed so that it is permeable to gases at least in zones (34) of permeability which are located in the preferential direction of the cracks.

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Citation (search report)
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