

Title (en)
THERMALLY INSULATING SEALED TANK

Title (de)
WÄRMEISOLIERENDER ABGEDICHTETER TANK

Title (fr)
CUVE ÉTANCHE ET THERMIQUEMENT ISOLANTE

Publication
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Application
EP 20714237 A 20200401

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Abstract (en)
[origin: WO2020201344A1] The invention concerns a thermally insulating sealed tank incorporated in a bearing structure (2), the tank comprising at least one inclined tank wall (1) forming an angle with a horizontal direction and fixed to a bearing wall of the bearing structure (2), the tank wall (1) having a multilayer structure comprising successively, in the direction of the thickness from the outside to the inside of the tank, a thermally insulating barrier (3) held against the corresponding bearing wall and a sealing membrane (4) carried by the thermally insulating barrier (3), the tank comprising sealing strips (15) in the space formed between the thermally insulating barrier (3) and the bearing wall, wherein the sealing strips (15) segment the space between the thermally insulating barrier (3) and the bearing wall in a plurality of successive zones (14) in a direction of greatest slope of the wall, the zones (14) extending over an entire transverse dimension of the tank wall (1) in a transverse direction inclined with respect to the direction of greatest slope.

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