

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 20713894 A 20200325

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Abstract (en)
[origin: WO2020193665A1] The invention relates to a thermally insulating sealed tank comprising a bottom wall (2) attached to a supporting wall (1), the bottom wall (2) comprising : a sealing membrane (3) comprising a plurality of welded corrugated metal sheets, a thermally insulating barrier (4), the sealing membrane (3) and the thermally insulating barrier (4) being interrupted in a singular zone by a window (7), the tank comprising a hollow structure (15) inserted into the window (7), the hollow structure (15) being arranged through the body of the tank wall (2), wherein the tank (71) comprises a metal closure plate (23), the metal closure plate (23) comprising an inner edge (24) welded all around the hollow structure (15), the metal closure plate (23) comprising an outer edge (25) placed under the sealing membrane (3) so as to form an overlapping area, wherein the metal closure plate (23) is sealingly welded with the sealing membrane (3) in the overlapping area, and the metal closure plate (23) is left free in relation to the thermally insulating barrier (4).

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