

Title (en)

TANK WALL COMPRISING A SEALING MEMBRANE HAVING A CORRUGATION WITH A REINFORCED CURVILINEAR PORTION

Title (de)

BEHÄLTERWAND MIT EINER DICHTMEMBRAN MIT EINER WELLUNG MIT EINEM VERSTÄRKTEN KRUMMLINIGEN ABSCHNITT

Title (fr)

PAROI DE CUVE COMPORTANT UNE MEMBRANE D'ÉTANCHÉITE PRÉSENTANT UNE ONDULATION AYANT UNE PORTION CURVILIGNE RENFORCÉE

Publication

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Application

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Abstract (en)

[origin: WO2020012084A1] The invention concerns a tank wall (1) comprising a thermally insulating barrier (2) and a sealing membrane (3) resting on the thermally insulating barrier (2), the sealing membrane (3) comprising a corrugation having a curvilinear portion (36) developing in a curvilinear direction (d1) and at least one curvilinear reinforcement device (37) arranged inside the curvilinear portion (36), between the sealing membrane (3) and the thermally insulating barrier (2), in such a way as to reinforce said curvilinear portion (36), said curvilinear reinforcement device (37) comprising a plurality of reinforcement sections (42, 43, 44) that each have a profiled shape developing in a straight direction (d2, d3, d4), the curvilinear reinforcement device (37) further comprising a connection member (45) connecting said reinforcement sections (42, 43, 44) in such a way as to keep them in a position in which the straight direction (d2, d3, d4) of each of the reinforcement sections (42, 43, 44) is oriented tangentially to the curvilinear direction (d1).

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