Abstract

The invention relates to a sealed and thermally insulating tank comprising a tank wall,
wherein the sealing membrane (4) comprises a plurality of membrane portions delimited by a polygonal exterior periphery,
wherein the plurality of membrane portions comprises at least one regular membrane portion (17) comprising a first regular series of corrugations, the first regular series of corrugations consisting of parallel first corrugations (12) mutually spaced by a first corrugation spacing (20),
wherein the plurality of membrane portions comprises at least one singular membrane portion (18), the singular membrane portion (18) comprising a first singular series of corrugations, the planar portions comprising a singular planar portion (24) that has a dimension in the second direction that is strictly greater than N times the first corrugation spacing (20), N being a natural non-zero integer,
and wherein the first singular series of corrugations comprises at least two corrugations that are situated respectively on either side of the singular planar portion (24).

Figure for the Abstract: Fig. 4