

Abstract

The invention relates to a sealed and thermally insulated tank (71) including a tank wall (1) and a through-element (5) passing through the tank wall (1). A sealing membrane (4) has a polygonal window (24) surrounding the through-element (5) to allow the through-element (5) to pass. The sealing membrane (4) includes a plurality of membrane portions that are juxtaposed and welded to each other, the plurality of membrane portions comprising at least one regular membrane portion (68, 69), the regular membrane portion (68, 69) having a series of parallel first corrugations (11) and a series of parallel second corrugations (12). Two corrugations (16, 18) among the second corrugations (12) are absent from singular rectangular metal sheets (51, 251, 61) disposed on either side of the window (24).

Figure for the abstract: Fig. 3