

Abstract

The invention relates to a wall (1) of a sealed and thermally insulating tank for storing a liquefied gas, said wall (1) comprising at least one thermally insulating barrier (6) and a sealing membrane (8) which is anchored to said thermally insulating barrier (6) and is intended to be in contact with the liquefied gas, the thermally insulating barrier (6) comprising a first insulating panel (7) and a second insulating panel (7) arranged along a first edge of the first insulating panel, the first and second insulating panels (7) being respectively equipped with at least one first anchoring element (20) and with at least one second anchoring element (20) to which elements the sealing membrane (8) is welded; the sealing membrane (8) comprising corrugations (17, 18) separated from each other by planar portions (19) and wherein at least one of the planar portions (19) is arranged straddling the first and the second insulating panels (7) and is welded on the one hand to the first anchoring element (20) and on the other hand to the second anchoring element (20).

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