

Abstract

Storage facility for liquefied gas

The invention concerns a storage installation for a liquefied gas comprising a supporting structure and a sealed and thermally insulating tank arranged in the supporting structure, the tank comprising at least a first tank wall (1) and a second tank wall (101), each tank wall (1, 101) comprising at least one sealing membrane (4, 104) and at least one thermally insulating barrier (2, 102), the first supporting wall (3) forming a corner with the second supporting wall (103) along an edge (100),

in which the thermally insulating barrier (2) of the first tank wall (1) comprises an insulating fixing beam (11), the insulating fixing beam (11) including a lower face (12) situated against the first supporting wall (3) and the metal covering element held at a distance from the lower face (12) by a plurality of shear webs (14),

and in which the supporting structure comprises a first abutment device (19), the first abutment device (19) being placed along an edge of the insulating fixing beam (11) opposite the edge (100) and being configured to form an abutment limiting the movement of the insulating fixing beam (11) in the longitudinal direction away from the edge.

Figure for the abstract: fig.18