Abstract

The invention relates to an installation for storing a liquefied gas, comprising a bearing structure (1) and a sealed and thermally insulating tank arranged in the bearing structure (1), the bearing structure (1) comprising a dome structure (19) protruding vertically towards the outside of the tank from an upper bearing wall (3), the dome structure (19) comprising vertical dome walls (22) protruding upwards from the upper bearing wall (3) and each comprising an upper end, the dome structure (19) comprising a seating wall (23) which is continued horizontally and comprises a peripheral border region (33), the dome structure (19) comprising a cover (25) which covers the passage and is welded in a sealed manner to the seating wall (23), the said cover (25) being welded to at least one intermediate plate (34), the said intermediate plate (34) being welded to the seating wall (23) in the peripheral border region (33).

Figure for the Abstract: Fig. 4.