

Sealed and thermally insulating tank wall comprising spaced-apart support elements

5

ABSTRACT

A sealed and thermally insulating tank which is integrated in a carrier structure, wherein a tank wall comprises:

- a carrier wall (1),
 - a secondary thermal insulation barrier (2) which is constituted by a plurality of secondary thermally insulating elements (6),
 - a primary thermal insulation barrier (4) which is constituted by a plurality of primary thermally insulating elements (7), and
 - a sealing barrier,
- each primary and secondary thermally insulating element comprising:
- a thermally insulating lining (35), and
 - a plurality of carrier elements (40, 28, 37) which extend through the thermally insulating lining,
 - a panel (17, 34) which is parallel with the tank wall and which is arranged at an end of the carrier elements of the thermally insulating element,
- wherein a panel of the primary or secondary thermally insulating element is arranged between the primary and secondary carrier elements, at least one primary carrier element (28, 40) from the plurality of primary carrier elements being spaced apart relative to the subjacent carrier elements (37) in a view projected in a plane parallel with the tank wall.

25 **Figure to be published: 5**