

Abstract

A self-supporting case comprises at least one groove (30) formed in the cover panel and emerging on a top surface of the cover panel to receive a weld support. At least
5 one supporting partition (26) extends longitudinally vertically in line with the groove (30). Fasteners (35) engaged at right angles in the bottom plate (22) and the top surface of the supporting partition (26) fasten the supporting partition to the cover panel. The top surface of the supporting partition (26) is wider than the bottom part (32) of the groove (30) and the fasteners (35) are engaged in a zone of the bottom
10 plate (22) that is offset laterally with respect to the bottom part (32) of the groove. The primary insulating barrier of a tank is essentially composed of the cases filled with a heat-insulating packing. The primary sealed membrane is retained on the cover panels by weld supports inserted in the grooves (30).

Fig. 3