

ABSTRACT

This underground storage system (1) for storing fluids comprises a hole (2) made in a plot of land (3), said hole (2) having a bottom (7), a support element (5) comprising at least one opening, a joining element (19) inserted into the opening in the support element (5), a ventilation device (4) comprising at least one ventilation cavity, and at least one reservoir (6), said reservoir (6) having a longitudinal axis, a lower end (14) closed by a first closure means (15), and an upper end (16) closed by a second closure means (17), said upper end (16) being joined to the support element (5) such that the reservoir (6) is suspended inside the hole (2) and such that an axial clearance (G) able to absorb any thermal expansion of said reservoir (6) remains between the first closure means (15) and the bottom (7).

Figure for the abstract: Fig. 1