

CLAIMS

1. Fluidtight and/or thermally insulated tank including a bearing structure, a fluidtight barrier and/or a thermally insulating barrier, the said fluidtight barrier and/or the said thermally insulating barrier being of cylindrical shape and including a vertical wall and a bottom wall, in which the said vertical wall has a plurality of vertical panels, the said bearing structure surrounding the said vertical wall, and in which the said bottom wall includes a plurality of rectangular components arranged in sectors that are the image of one another but rotated, the edges of the rectangular components of one of the said sectors being respectively parallel and perpendicular to one of the said vertical panels, wherein the number of the said vertical panels is twice the number of the said sectors.
2. Tank according to Claim 1, in which each of the said sectors has a plane of symmetry, the said vertical panels including first panels each facing one of the said respective sectors and being arranged symmetrically with respect to the plane of symmetry of the corresponding sector.
3. Tank according to Claim 2, in which the said vertical panels include second panels, each of the said second panels being arranged between two of the said first panels respectively corresponding to two adjacent sectors.
4. Tank according to Claim 3, in which the bottom wall includes at least one trapezoidal component connecting the rectangular components of one sector to one of the said second panels.
5. Tank according to Claim 4, in which the said trapezoidal component has corrugations running perpendicular to the said adjacent second panel.

6. Tank according to one of the preceding claims, in which the said vertical wall has 56 vertical panels.

CLAIMS

1. Fluidtight and/or thermally insulated tank (1) comprising a bearing structure (4), a fluidtight barrier and/or a thermally insulating barrier, the said fluidtight barrier and/or the said thermally insulating barrier being of cylindrical shape and comprising a vertical wall (2) and a bottom wall (3), in which the said vertical wall has a plurality of vertical panels (8, 8'), the said bearing structure surrounding the said vertical wall, and in which the said bottom wall includes a plurality of rectangular components (5) arranged in sectors that are the image of one another but rotated, the edges of the rectangular components of one of the said sectors being respectively parallel and perpendicular to one of the said vertical panels (8), characterized in that the number of the said vertical panels is twice the number of the said sectors.

2. Tank according to Claim 1, in which each of the said sectors has a plane of symmetry, the said vertical panels including first panels (8) each facing one of the said respective sectors and being arranged symmetrically with respect to the plane of symmetry of the corresponding sector.

3. Tank according to Claim 2, in which the said vertical panels include second panels (8'), each of the said second panels being arranged between two of the said first panels (8) respectively corresponding to two adjacent sectors.

4. Tank according to Claim 3, in which the bottom wall includes at least one trapezoidal component (10) connecting the rectangular components (5) of one sector to one of the said second panels (8').

5. Tank according to Claim 4, in which the said trapezoidal component has corrugations (7) running perpendicular to the said adjacent second panel.

5 6. Tank according to one of the preceding claims, in which the said vertical wall has 56 vertical panels (8, 8').