

The invention relates to branch of cryogenic engineering and can be used in systems of long-term drain-less storage of cryogenic liquid. A method of passive destratification of liquid consists in leveling temperature of layers of liquid with condensation of vapor-gas mix of tank at cooling from inner layers of liquid. New is the fact that condensation of vapor-gas mix of tank is performed at its cooling from outer source. As result of implementation of the method of passive destratification of liquid absence of losses of liquid is achieved, more intensive process of stratification of liquid, due to double mechanism of leveling of temperature, use of free vapor-gas volume due to presence of cooled condensation tank in it. Complete use of all the volume of fuel is provided, overall dimensions of the tank are decreased.