

Title (en)

TANK FOR COLD OR CRYOGENIC LIQUIDS

Title (de)

TANK FÜR KALTE ODER KRYOGENE FLÜSSIGKEITEN

Title (fr)

RÉSERVOIR POUR LIQUIDES FROIDS OU CRYOGÈNES

Publication

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Application

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Abstract (en)

[origin: WO2012139600A1] The invention relates to a tank for cold or cryogenic liquids having a double casing made of light metal, a base, lateral walls and a cover which defines the tank chamber. The double casing comprises an inner barrier, an outer barrier which is arranged at a distance from the inner barrier and structures which join the inner barrier to the outer barrier, at least one distribution pipe having holes through which the gas can flow for distributing inert gas in the intermediate chamber, said distribution pipe being arranged in the intermediate chamber between the inner barrier and the outer barrier of the tank base, at least one feed pipe for inert gas which is arranged outside of the double casing, which is connected in a communicating manner to the distribution pipe through the outer barrier, an inert gas source connecting to the feed pipe outside of the tank casing, a gas outlet from the intermediate chamber in the outer barrier of the tank cover and means for detecting gas in the region of the gas outlet.

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