

**SEALED, THERMALLY INSULATING TANK INCLUDING DEVICES FOR
ANCHORING PRIMARY INSULATING PANELS TO SECONDARY INSULATING
PANELS**

ABSTRACT

The invention relates to a sealed, thermally insulating tank on board the ship, each of the tank walls including a secondary thermally insulating barrier, a secondary sealing membrane, a primary thermally insulating barrier and a primary sealing membrane;

primary insulating panels of each ballast-zone wall (9, 11, 12, 13, 14) being anchored to secondary insulating panels of said ballast-zone wall (9, 11, 12, 13, 14) by means of first anchoring devices; primary insulating panels of each non-ballast-zone wall (8, 10, 15, 16) being anchored to secondary insulating panels of said non-ballast-zone wall (8, 10, 15, 16) by means of second anchoring devices;

in which each of said first anchoring devices is fitted with n_1 elastic members; and in which each of the second anchoring devices is fitted with n_2 elastic members ensuring elastic anchoring and arranged to ensure rigid anchoring of the primary insulating panels to the secondary insulating panels, n_2 being a whole number equal to or greater than 0, the stiffness K_2 of the second anchoring devices being less than the stiffness K_1 of the first anchoring devices.

Figure to be published: 4