IMPROVEMENT FOR LEAKTIGHT AND THERMALLY INSULATING TANK INTEGRATED INTO A CARRIER STRUCTURE

Abstract

This tank is of the type that comprises two sealing barriers, one primary (10) and the other secondary (5), and at least one thermal insulation barrier, each consisting of a module basically shaped as a rectangular parallelepiped and comprising a first plywood sheet (3) covered by a first layer of thermal insulation (4) which is then covered by a sealing barrier (5) on which is made a second layer of thermal insulation (6), on which in turn is a second plywood sheet (7), on which, in a known manner, the primary sealing barrier (10), consisting of strakes or metal plates rests. The second plate (7) is made up of two walls, a first wall (8) supporting the primary sealing barrier and a second wall (9), with a layer of damping material (11) between them. Applicable particularly to shipbuilding.

Fig. 2