

IMPROVEMENT FOR ~~LEAKTIGHT AND THERMALLY~~ SEALED AND THERMAL
INSULATING TANK INTEGRATED INTO A ~~CARRIER-BEARING~~ STRUCTURE

Abstract

5 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),
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