

Title (en)
DEVICE FOR MOUNTING A TANK IN A SHIP

Title (de)
VORRICHTUNG ZUR LAGERUNG EINES TANKES IN EINEM SCHIFF

Title (fr)
DISPOSITIF DE FIXATION D'UNE CITERNE DANS UN BATEAU

Publication
EP 1945498 B1 20090225 (DE)

Application
EP 06829100 A 20061122

Priority
• EP 2006011205 W 20061122
• DE 102005057451 A 20051201

Abstract (en)
[origin: WO2007062770A2] Disclosed is a device for mounting a tank in a ship (1). Said device comprises at least two foundations (4) which are fastened to the hull at a distance from each other in the longitudinal or transversal direction of the ship (1) and each of which supports one saddle (6) that is adapted to the shape of the tank (3) and is used for accommodating the tank (3). The inventive device further comprises an insulating layer (8) that is provided on each saddle (6) to thermally insulate the foundations (4) relative to the tank (3) as well as safety mechanisms (10; 12; 15) for mounting the tank (3) on the foundations (4), said safety mechanisms (10; 12; 15) allowing a relative movement between the tank (3) and at least one foundation (4) on the insulating layer (8) in the longitudinal direction of the tank. Each saddle (6) is fastened directly to the tank (3) and has a planar bottom face (7) while each foundation (4) has a planar top face (5), all bottom and top faces (7; 5) being parallel to one another. The insulating layer (8) is disposed between the bottom face (7) of the saddle (6) and the top face (5) of the associated foundation (4) while the safety mechanisms (10; 12; 15) allow a limited relative movement between each saddle (6) and the foundation (4) thereof on or in the insulating layer (8).

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Cited by
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