

Title (en)

LEAK-RESISTANT LINING FOR TANKS AND A METHOD FOR EQUIPPING TANKS THEREWITH

Title (de)

LECKSCHUTZAUSKLEIDUNG FÜR TANKS UND VERFAHREN ZUR AUSRÜSTUNG VON TANKS MIT EINER LECKSCHUTZAUSKLEIDUNG

Title (fr)

REVETEMENT ANTIFUITE POUR RESERVOIRS ET PROCÉDÉ POUR ÉQUIPER DES RESERVOIRS D'UN TEL REVETEMENT

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Application

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Abstract (en)

[origin: WO0128893A1] The invention relates to a leak-resistant lining for tanks used for the storage of water contaminating substances. The invention further relates to a method for equipping tanks with a leak-resistant lining. The aim of the invention is to overcome the disadvantages of the known state of the art and produce a leak-resistant coating which is suitable for universal tanks of all construction types, in particular, those with fittings near the tank-floor, which can be simply assembled and guarantees a reliable leak-control system in the tank flooring and tank walls. A solution is disclosed, whereby an angled fixing bracket (4) is fitted in position around the edge between the tank wall (1) and the tank floor (2), which comprises two faces (4a, 4b), running parallel to the tank wall (1) and the tank floor (2) respectively. The face (4a), running parallel to the tank wall (1), has a joint with the tank wall (1) which is resistant to the contained substance. A cavity (7) exists between the angled fixing bracket (4) and the adjacent sections of the tank wall and tank floor. Said cavity (7) is suitable for leak control. The film or sheet (5) laying on the insert (3) which defines the cavity is fixed in a substance-resistant manner to that face (4b) of the angled fixing bracket (4) parallel to the tank floor (2).

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