Title (en)

METHOD FOR PRODUCING A SEALED AND THERMALLY INSULATING BARRIER FOR A STORAGE TANK

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER DICHTEN UND WÄRMEISOLIERENDEN SPERRSCHICHT FÜR LAGERTANK

Title (fr)

PROCEDE DE FABRICATION D'UNE BARRIERE ETANCHE ET THERMIQUEMENT ISOLANTE POUR CUVE DE STOCKAGE

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Application

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Abstract (en)

[origin: WO2014128414A1] The invention concerns a method for producing a sealed and thermally insulating wall for a fluid storage tank comprising the steps of: attaching a plurality of anchoring elements (1) to a load-bearing structure (2); installing modular formwork elements (3) on the load-bearing structure (2), the modular formwork elements (3) having a shape that protrudes relative to the load-bearing structure (2) and defining, with the load-bearing structure (2) and the plurality of anchoring parts (1), compartments (4) having an open side opposite the load-bearing structure (2); spraying insulating foam into said compartments (4) through the open side so as to form a plurality of insulating sectors (5) made from sprayed insulating foam; arranging insulating junction elements (8) in a constrained position in which they are constrained between said insulating sectors (5) and are capable of expanding in case of thermal contraction of said insulating sectors (5), in order to ensure the continuity of the thermal insulation; and attaching a sealing membrane to said anchoring elements (1).

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