

Title (en)

THERMALLY-INSULATING SEALED TANK BUILT INTO A LOAD-BEARING STRUCTURE

Title (de)

IN EINE LASTTRAGENDE STRUKTUR INTEGRIERTER WÄRMEISOLIERENDER ABGEDICHTETER TANK

Title (fr)

CUVE ETANCHE ET THERMIQUEMENT ISOLANTE INTEGREE DANS UNE STRUCTURE PORTEUSE

Publication

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Application

**EP 12734991 A 20120626**

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Abstract (en)

[origin: WO2013004943A1] The invention relates to a thermally-insulating sealed tank comprising: thermal insulation including a plurality of insulating blocks (28) placed side by side on the load-bearing structure, and a sealing assembly including a plurality of sealed metal plates (25) disposed on the insulating blocks (28) and welded to one another. Mechanical coupling members (11) extend through the thermal insulation at the edges of the insulating blocks (28) and maintain the insulating blocks in a position in which they bear on the load-bearing structure (3). The metal plates (25) are disposed such that the edges thereof are offset in relation to the edges of the underlying insulating blocks (28). The metal plates (25) are maintained in a position in which they bear on the insulating blocks (28) solely by means of the coupling members. The mechanical coupling members are attached to the metal plates (25) at attachment points (11) at a distance from the edges of the metal plates.

IPC 8 full level

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