

Title (en)
SEALED INSULATING TANK AND METHOD OF MANUFACTURING THE SAME

Title (de)
VERSIEGELTER ISOLIERTANK UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
CUVE ETANCHE ET ISOLANTE ET SON PROCEDE DE FABRICATION

Publication
EP 3161370 B1 20171220 (FR)

Application
EP 15732604 A 20150623

Priority
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Abstract (en)
[origin: WO2015197638A1] A sealed insulating tank in which the secondary insulating barrier, the secondary sealing membrane and the primary insulating barrier substantially consist of a set of prefabricated panels (54) juxtaposed on the bearing structure. Sealing strips (65) are positioned astride the adjacent edge regions (59) of the sealing coverings of the prefabricated panels (54) to fill out the secondary sealing membrane between the prefabricated panels. Insulating blocks (66) placed on the sealing strips comprise a layer of thermal insulation (67) covered by a rigid sheet (68) and a reinforcing layer (1) having a tensile stiffness greater than or equal to the tensile stiffness of the sealing strips (65) and bonded to the layer of thermal insulation on one side of the layer of thermal insulation (67) opposite the rigid sheet (68), the insulating block in each instance being secured to the prefabricated panels by the bonding of the reinforcing layer (1) to the underlying sealing strip (65).

IPC 8 full level
F17C 3/02 (2006.01)

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