

Title (en)
FLUIDTIGHT AND THERMALLY INSULATED TANK COMPRISING A METAL MEMBRANE THAT IS CORRUGATED IN ORTHOGONAL FOLDS

Title (de)
FLÜSSIGKEITSDICHTER UND WÄRMEISOLIERTER TANK MIT EINER IN ORTHOGONALEN FALTEN GEWELLTEN METALLMEMBRAN

Title (fr)
CUVE ÉTANCHE ET THERMIQUEMENT ISOLANTE COMPORTANT UNE MEMBRANE MÉTALLIQUE ONDULÉE SELON DES PLIS ORTHOGONAUX

Publication
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Application
EP 13785540 A 20131009

Priority
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Abstract (en)
[origin: WO2014057221A2] Fluidtight and thermally insulated tank built into a bearing structure, the tank wall comprising: - a thermal insulation barrier held on the bearing wall and consisting of blocks of insulation (1, 13) that are juxtaposed in parallel rows and separated from one another by gaps (10), - a sealing barrier supported by the thermal insulation barrier and consisting of welded metal sheets (11, 15). Each block of insulation bears, on its opposite face to the bearing wall, two metal connecting strips (5, 6 and 14a, 14b) running parallel to the sides of the block of insulation. The sheets (11, 15) of the membrane which are supported by the block of insulation are welded to the strips. The connecting strips are secured to the block of insulation that bears them. The sheets (11, 15) each have at least two orthogonal folds (12g, 12b, 16a, 16b) parallel to the sides of the blocks of insulation (1, 13), said folds being inserted in the gaps (10) formed between the blocks of insulation.

IPC 8 full level
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CPC (source: CN EP KR US)
B63B 25/16 (2013.01 - US); **F17C 1/12** (2013.01 - CN KR); **F17C 3/027** (2013.01 - EP KR US); **F17C 3/04** (2013.01 - US); **F17C 6/00** (2013.01 - US); **F17C 9/00** (2013.01 - US); **F17C 13/001** (2013.01 - US); **F17C 2201/0157** (2013.01 - EP US); **F17C 2201/052** (2013.01 - EP US); **F17C 2203/0333** (2013.01 - CN EP US); **F17C 2203/0354** (2013.01 - EP US); **F17C 2203/0358** (2013.01 - EP US); **F17C 2203/0631** (2013.01 - EP US); **F17C 2203/0643** (2013.01 - EP US); **F17C 2203/0648** (2013.01 - EP US); **F17C 2203/0651** (2013.01 - EP KR US); **F17C 2205/0355** (2013.01 - US); **F17C 2205/0364** (2013.01 - EP KR US); **F17C 2205/0367** (2013.01 - EP KR US); **F17C 2209/221** (2013.01 - EP KR US); **F17C 2209/227** (2013.01 - EP KR US); **F17C 2209/228** (2013.01 - EP KR US); **F17C 2209/232** (2013.01 - EP KR US); **F17C 2221/033** (2013.01 - EP US); **F17C 2223/0161** (2013.01 - EP US); **F17C 2223/033** (2013.01 - EP US); **F17C 2270/0107** (2013.01 - EP KR US); **F17C 2270/0113** (2013.01 - EP KR US); **F17C 2270/0123** (2013.01 - EP US); **F17C 2270/0136** (2013.01 - EP US)

Citation (search report)
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