

Title (en)
SEALED AND INSULATING VESSEL COMPRISING A DEFLECTION ELEMENT ALLOWING THE FLOW OF GAS AT A CORNER

Title (de)
ABGEDICHTETER UND ISOLIERTER KESSEL MIT ABLENKELEMENT ZUR ERMÖGLICHUNG DES GASSTROMS AN EINER ECKE

Title (fr)
CUVE ÉTANCHE ET ISOLANTE COMPORTANT UN ÉLÉMENT DE DÉFLEXION PERMETTANT L'ÉCOULEMENT DE GAZ AU NIVEAU D'UN ANGLE

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Abstract (en)
[origin: WO2015132498A1] The invention concerns a sealed and thermally insulating vessel for storing a fluid, comprising a thermally insulating barrier comprising: a plurality of insulating elements disposed along the walls of the vessel, arranged to allow the flow of fluid, such as a gas, within said thermally insulating barrier; and a corner arrangement, disposed at the intersection between first and second walls (3, 4) of the vessel, the corner arrangement comprising: a deflection element (19) comprising a first face (20a) facing the supporting structure of the second wall (4), a second face (20b) facing the supporting structure of the first wall (3) and a plurality of curved channels (21) extending between the first face (20a) and the second face (20b) of the deflexion element (19) to allow the flow of fluid, such as a gas, through the corner arrangement, the plurality of curved channels (21) comprising at least a series of curved channels spaced apart from each other in the thickness direction of the walls (3, 4) of the vessel.

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