

Title (en)

TANK WITH REINFORCED INSULATION COMBINING A HEAT-INSULATING MATTRESS AS WELL AS MICROSPHERES AND METHOD FOR MANUFACTURING SUCH A TANK

Title (de)

TANK MIT EINER VERSTÄRKTEN ISOLIERUNG, DIE WÄRMEISOLIERENDE MATTEN MIT MIKROKUGELN KOMBINIERT, UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN TANKS

Title (fr)

RÉSERVOIR PRÉSENTANT UNE ISOLATION RENFORCÉE COMBINANT DES MATELAS D'ISOLATION THERMIQUE AINSI QUE DES MICROSPHÈRES ET PROCÉDÉ DE FABRICATION D'UN TEL RÉSERVOIR

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Application

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Abstract (en)

[origin: CN115435236A] The subject matter of the invention is a container suitable for storing a product at chilled temperatures, comprising a sealed inner barrier (24), a sealed outer barrier (26) surrounding the first inner barrier (24), an intermediate space (28) located between said inner barrier (24) and said outer barrier (26), and at least one insulating layer (30), the insulating layer is positioned in the intermediate space (28) and includes at least one insulating liner (32) of very low thermal conductivity. According to the invention, the intermediate space (28) contains microspheres (40) outside the insulating gasket (32) and has a high degree of vacuum. In the event of a loss of vacuum in the intermediate space (28), this solution still allows a satisfactory performance to be maintained in terms of thermal insulation. The invention also relates to a manufacturing method for manufacturing such a container.

IPC 8 full level

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