

Title (en)

A method for making an inner metal wall inside a tank and a tank having a double wall

Title (de)

Verfahren zur Herstellung einer inneren Metallwand in einem Tank und Tank mit einer doppelten Wand

Title (fr)

Procédé de fabrication d'une paroi métallique interne à l'intérieur d'un réservoir et réservoir ayant une double paroi

Publication

EP 2706021 B1 20160803 (EN)

Application

EP 13183022 A 20130904

Priority

IT VR20120180 A 20120907

Abstract (en)

[origin: EP2706021A1] The present disclosure relates to a method for making an inner wall (22) inside a tank (1) having an outer wall (21) that encloses an inner chamber (18). The method provides for providing a plurality of pieces (30, 30a, 30b) of sheet metal (in particular, of aluminium or aluminium alloy), which are put into the inner chamber (18) of the tank (1). The pieces of sheet metal (30, 30a, 30b) are positioned next to each other to compose an inner lining of the outer wall (21). The pieces of sheet metal (30, 30a, 30b) are joined to each other by means of a structural glue (35), to obtain an inner wall (22) composed of pieces of sheet metal (30, 30a, 30b) that are glued to each other. The disclosure relates also to a tank (1) having an outer wall (21) and a so-obtained inner wall (22). The method can be adopted also for a tank that already has a double wall and in which one of the two walls is damaged or no longer fluid-tight.

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN107472734A; ES2565106A1; CN109808168A; AT518760A1; AT518760B1; JP2020142824A

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