

Title (en)  
IMPERVIOUS WALL STRUCTURE

Title (de)  
UNDURCHLÄSSIGE WANDSTRUKTUR

Title (fr)  
STRUCTURE DE PAROI ETANCHE

Publication  
**EP 2603729 B1 20140910 (FR)**

Application  
**EP 11757385 A 20110805**

Priority  
• FR 1056555 A 20100811  
• FR 2011051879 W 20110805

Abstract (en)  
[origin: WO2012020194A1] A ready-to-mount assembly suitable for producing an impervious wall structure comprises: an impervious metal plate (1) having a series of first parallel corrugations (5) and a series of second parallel corrugations (6) which are secant at intersections (3), an elongate reinforcing part (15) designed to be arranged in one of said corrugations (6, 5) so as to increase the resistance of the plate to pressure, and an anchoring part (30) comprising an attachment member designed to be attached to the outer surface of the plate at an intersection of the corrugation in which the reinforcing part is to be retained and a retaining member (44) designed to cooperate with a longitudinal end of the reinforcing part in order to retain the reinforcing part in the corrugation. A corresponding impervious wall structure is used in an impervious and thermally insulated tank, in particular in a methane tanker.

IPC 8 full level  
**F17C 3/02** (2006.01)

CPC (source: EP KR)  
**F17C 3/025** (2013.01 - EP KR); **F17C 2201/0157** (2013.01 - EP KR); **F17C 2201/052** (2013.01 - EP KR); **F17C 2203/0631** (2013.01 - EP KR); **F17C 2203/0636** (2013.01 - EP KR); **F17C 2209/224** (2013.01 - EP KR); **F17C 2209/232** (2013.01 - EP KR); **F17C 2221/033** (2013.01 - EP KR); **F17C 2223/0161** (2013.01 - EP KR); **F17C 2223/033** (2013.01 - EP KR); **F17C 2260/013** (2013.01 - EP KR); **F17C 2270/0107** (2013.01 - EP)

Cited by  
FR3077277A1; FR3077278A1; US11913604B2; WO2019150054A1

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