

Title (en)  
COMPOSITE PRESSURE VESSEL AND METHOD FOR MANUFACTURING THE SAME

Title (de)  
VERBUNDDRUCKBEHÄLTER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
RÉCIPIENT SOUS PRESSION COMPOSITE ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 2788664 A1 20141015 (EN)**

Application  
**EP 11794105 A 20111205**

Priority  
EP 2011071788 W 20111205

Abstract (en)  
[origin: WO2013083152A1] A pressure vessel is produced for storing and transporting CNG. The vessel comprises a body defining an internal volume in which the CNG can be stored, and an inlet for loading the CNG into the vessel. The body of the vessel comprises a structural shell made entirely of a fibre-reinforced filament-wound composite material, which is provided with fibres to carry mechanical loads and a matrix to keep the fibres together and to make the composite impermeable to the CNG. Because the vessel is not provided with any liner, the CNG is in direct contact with an inner side of the structural shell.

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Citation (search report)  
See references of WO 2013083152A1

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