

Title (en)  
COMPRESSED GAS TANK AND METHOD FOR PRODUCING SAME

Title (de)  
DRUCKGASTANK UND FERTIGUNGSVERFAHREN FÜR SELBIGEN

Title (fr)  
RÉSERVOIR DE GAZ SOUS PRESSION ET SON PROCÉDÉ DE PRODUCTION

Publication  
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Application  
**EP 12769918 A 20120920**

Priority

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Abstract (en)  
[origin: WO2013056773A1] The invention relates to a compressed gas tank (1) which consists of carbon fiber materials and which has a filling and withdrawal connection. The invention also relates to a method for producing same, having the following steps: - providing a meltable core that forms an internal shape of the compressed gas tank (1), - wrapping the core with at least one carbon fiber bandage and impregnating the carbon fibers with a curable polymer matrix material, thereby providing a preform of the compressed gas tank (1), - consolidating the polymer matrix material of the preform and obtaining the carbon fiber composite compressed gas tank (1), and - liquefying the core material by means of a melting process and withdrawing the liquid core material out of the filling and removal connection.

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