

Title (en)

METHOD FOR PRODUCING A COMPOSITE PRESSURE CONTAINER, AND CONTAINER SO PRODUCED

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES DRUCKBEHÄLTERS AUS VERBUNDWERKSTOFF, UND EIN DANACH HERGESTELLTER BEHÄLTER

Title (fr)

PROCEDE DE PRODUCTION D'UNE CUVE DE PRESSION COMPOSITE, ET CUVE AINSI PRODUITE

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Application

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Abstract (en)

[origin: WO2013168080A1] A composite pressure container (1) is disclosed, comprising a inner gas tight liner layer (6), a pressure support layer (8) arranged on the outside of the inner gas tight liner layer, and an outer tape, film, shell or lacquer layer (3) arranged on the pressure support layer, where the pressure support layer comprises fibre reinforced resin. Further, a method of curing a pressure support layer of a composite pressure container is also disclosed, the method comprising a) providing a inner gas tight liner layer, with a uncured pressure support layer arranged on the outside of the inner gas tight liner layer, where the uncured pressure support layer comprises fibre reinforced uncured resin, b) covering at least part of the uncured pressure support layer with an outer tape, film, shell or lacquer layer, c) heating the composite pressure container, and d) curing the resin, to provide a cured pressure support layer comprising fibre reinforced resin.

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