

Title (en)

TYPE II PRESSURE VESSEL WITH COMPOSITE DOME

Title (de)

TYP-II-DRUCKBEHÄLTER MIT VERBUNDKUPPEL

Title (fr)

CUVE SOUS PRESSION DE TYPE II COMPORTANT UN DÔME COMPOSITE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2013083177A1] The present invention relates to pressure vessels comprising a composite dome and metal cylindrical center section where the dome is of such a thickness as to be capable of withstanding the pressure exerted by a fluid contained in the vessel but the cylindrical center section is not. To overcome this shortcoming the cylindrical center section is hoop-wrapped with a filamentous composite. Methods of coupling the dome to the center section are also set forth.

IPC 8 full level

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