

Title (en)

SHELL PRODUCTION METHOD, ESPECIALLY FOR A CRYOGENIC FLUID STORAGE VESSEL, AND SHELL THUS OBTAINED

Publication

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Application

EP 84401285 A 19840621

Priority

FR 8310473 A 19830624

Abstract (en)

[origin: US4577386A] The method comprises winding on a mandrel M a tube 1 having a flattened cross-sectional shape so as to form a helical structure, mounting on the mandrel and the tube a sheet metal cylinder 2, injecting in the tube a fluid under pressure so as to cause the tube to assume, by expansion, the shape of a coiled tube having a circular cross-sectional shape and thereby locally deform the wall of the cylinder in the shape of a helical impression, and fixing the coiled tube to the cylinder so as to produce the sleeve. The invention applies in particular to containers for cryogenic fluids provided with coiled heating tubes in an interwall space containing a vacuum between the sleeve and the internal tank.

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