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(54) Title: CRYOPUMPING-RESISTANT LH2 STORAGE VESSEL

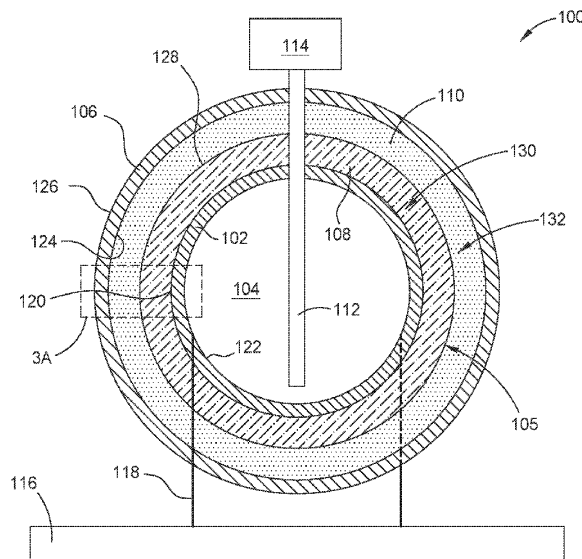


FIG. 1

(57) Abstract: A method and apparatus for storing liquid gases, such as liquid hydrogen, is provided. The liquid gas container includes multiple layers of insulation to enable non-vacuum insulation to be utilized while reducing cryopumping. An inner insulation layer is formed of a material which as a closed-cell structure and is thick enough such that the temperature at an outer surface of the inner insulation layer is greater than the boiling point of a gas within the outer insulation layer. The outer insulation layer may have an open-cell structure for the insulation material.

[Continued on next page]

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