

HIGH-PRESSURE TANK AND METHOD FOR MANUFACTURING HIGH-PRESSURE TANK

ABSTRACT

A method for manufacturing a high-pressure tank including a liner and a fiber-reinforced resin layer, the fiber-reinforced resin layer having a first reinforcing layer covering an outer surface of the liner and a second reinforcing layer covering an outer surface of the first reinforcing layer includes: forming a cylinder member made of a fiber-reinforced resin and having fibers oriented in a circumferential direction of the cylinder member; forming two dome members made of the fiber-reinforced resin; forming a reinforcing body that is the first reinforcing layer by joining the cylinder member and the dome members; and forming on an outer surface of the reinforcing body the second reinforcing layer made of the fiber-reinforced resin and having fibers oriented across the dome members.

FIG. 3