ABSTRACT

PLASMA DRYING AND PASSIVATION OF COMPRESSED GAS CYLINDERS

A process for plasma drying and passivating compressed gas cylinders is disclosed. Plasma gas such as argon or helium is added at sub-atmospheric pressure to the empty cylinder and current is applied to the gas via an anode electrode. The current is run for a time sufficient to dry and/or passivate the internal surface of the cylinder.

Figure 1