

ABSTRACT

The present invention relates to a cylinder (container for storing and transporting a fluid) configured such that the same can store and transport a fluid, and can discharge the stored fluid at a configured discharge pressure under a configured condition. More specifically, the present invention relates to a cylinder having a fluid pressure adjustment valve installed on the cylinder (container for storing and transporting a fluid) such that a stored fluid can be discharged at a configured discharge pressure under a configured condition, the fluid pressure adjustment valve being configured such that the fluid storage capability of the cylinder (container for storing and transporting a fluid) can be improved. The cylinder having a fluid pressure adjustment valve configured such that the fluid storage capability thereof can be improved, as described above, according to the present invention is a cylinder for storing and transporting a fluid such that the stored fluid can be discharged at a configured discharge pressure only under a configured pressure condition on the exit side, the cylinder comprising: a first regulator capable of adjusting the discharge pressure of the fluid inside the cylinder and discharging same at the adjusted configured pressure; a second regulator configured such that the fluid, the configured pressure of which has been adjusted by the first regulator, can be discharged only at the pressure in the configured condition/state; and a fluid pressure adjustment valve configured such that the first regulator and the second regulator are not inserted into the cylinder storage space, thereby improving the storage capability.

Figure 1