ABSTRACT

PRESSURIZED ULTRASONIC CLEANING APPARATUS

An ultrasonic cleaning tank 1 has a tank body 4, for accommodating a cleaning solution 3, an ultrasonic vibrator 2 housed in a sealing container mounted on a bottom wall of the tank body, and an openable lid 6 for sealingly closing the tank body when a workpiece to be cleaned is immersed in the cleaning solution in the tank body. The cleaning solution is supplied to fill up an entire space in the ultrasonic cleaning tank when the tank body is closed by the lid. A pressurizing system for pressuring the cleaning solution which fills the ultrasonic cleaning tank includes a cleaning solution sealing tank 14 for accommodating the cleaning solution independently of the ultrasonic cleaning tank, a liquid conduit 8 interconnecting the ultrasonic cleaning tank and the cleaning solution sealing tank, and a pressurizing device 18 for pressurizing the cleaning solution in the cleaning solution sealing tank to transmit the pressure applied to the cleaning solution through the liquid conduit to the ultrasonic cleaning tank.

This Sheet Has Been Replaced

