

ABSTRACT

The invention is intended to provide a valve drive device which is designed in such a way that an automatic mechanism can be detachably mounted on a manual-type valve drive mechanism without having to modify the internal mechanism of the valve drive mechanism, and the drive power from drive power generation means in the automatic mechanism can be transmitted to the manual-type valve drive mechanism, allowing the valve to be driven either manually or automatically, the mounted automatic mechanism being capable of being detached as needed. A valve drive device which is a manual drive type valve drive mechanism having: a handle for manually providing rotating power; a drive shaft that is rotatably attached to a casing, for transmitting the rotating power brought about by the handle to a drive power transmission mechanism disposed inside the casing; and a valve rod connector for transmitting the drive power that has been transmitted through the drive power transmission mechanism to a drive shaft serving as a valve rotating shaft, characterized in that drive power generation means is detachably attached to one exterior portion of the casing, the drive power generation means and the drive shaft are connected by drive transmission means, and the drive power from the drive power generation means is transmitted to the valve rod to allow the valve to be opened and closed without any modification of the manually-operated valve drive mechanism.