

SAFETY VALVE SYSTEM, TANK, SHIP, AND OPERATION METHOD FOR SAFETY VALVE SYSTEM ON SHIPS

Abstract

A safety valve system (20A) includes a main valve (21) that includes an introduction port (21a) into which pressure from a tank is introduced, and a release port (21b) to release the pressure; a high-pressure side pilot valve (22) and a low-pressure side pilot valve (23) that are set to mutually different operating pressure values and that release pressure by making the introduction port (21a) and the release port (21b) communicate with each other when the pressure exceeds the operating pressure value; and a switching unit (24A) that switches so that only the low-pressure side pilot valves (23), which excludes the high-pressure side pilot valve (22) with the highest operating pressure value, do not operate.

Figure 2