ABSTRACT

HIGH-TEMPERATURE STEAM-WATER FILTERING UNIT AND COMBINED HIGH-TEMPERATURE STEAM-WATER FILTERING DEVICE

The present invention discloses a high-temperature steam-water filtering unit, which comprises: a filter frame divided into an upper layer and a lower layer by an interlayer, the lower layer being provided with a feed inlet, and the upper layer being provided with a discharge port; a filter comprising a plurality of filter cartridges mounted on the interlayer along a vertical direction, an inlet of each filter cartridge being positioned below the interlayer, and an outlet of each filter cartridge being positioned above the interlayer; and a communicating channel being in communication with the discharge port. The present invention also discloses a combined high-temperature steam-water filtering device, which comprises: two or more filtering units arranged in an outer shell and communicating channels extending along a vertical height direction of filter frames and being in communication with discharge ports and feed inlets of the adjacent filtering units. In the present invention, filters and a filter frame which are spliced and combined are combined into a filtering unit, and the filtering units can be freely combined according to the requirements of filtering precision, filtering flow, pressure reduction and the like.

Figure 7.