

FLUID MEDIUM REGENERATION DEVICE, COMBUSTION SYSTEM AND
COMBUSTION METHOD OF FLUIDIZED BED COMBUSTION FURNACE

ABSTRACT

There is provided a fluid medium regeneration device for a fluidized bed, including: a cooling unit that is supplied with at least, a fluid medium recovered from the fluidized bed of a fluidized bed combustion furnace is supplied, cools the fluid medium by being brought into contact with a liquid medium having a boiling point of -20°C or lower under 1 atmospheric pressure, and separates a coating layer from the fluid medium.

Figure 1