

CARBON REMOVAL DEVICE

ABSTRACT

5 A carbon removing device comprises a hydrogen storage case, a first pipe, a flow controller, a second pipe, and a control unit. The control unit outputs electric control signal to the flow controller in accordance with the size of the device awaiting decarbonization to control flow velocity of hydrogen outputting via the first pipe from the hydrogen storage case, and the hydrogen with the controlled
10 flow velocity enters the device awaiting decarbonization via the second pipe. No electrolyzing water and water separating from the gas are required to avoid hydrolock caused by the water being not easily separated from gas and in turn damaging the cylinder of the device awaiting decarbonization. Therefore, economical operation for carbon removal is carried out effectively, and it is much
15 more effective than the conventional carbon removing device during using.

Figure 1

20