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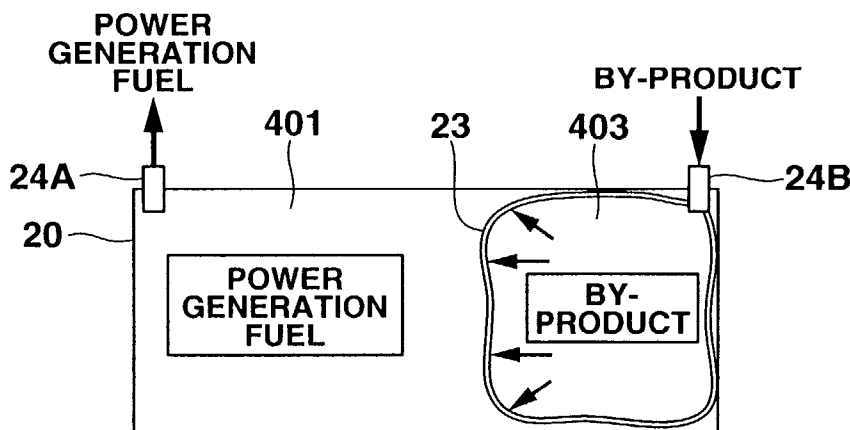
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(54) Title: INTEGRATED FUEL PACK, REFORMER AND GAS PURIFICATION DEVICE FOR FUEL CELL POWER GENERATION SYSTEM



(57) Abstract: A by-product elimination device used in a fuel cell power generation system includes a fuel pack provided with a fuel charged portion having a power generation fluid fuel containing hydrogen, and a power generation module detachably attached to the fuel pack. The module includes a reforming portion which transforms the fuel supplied from the charged portion into a first gas containing hydrogen gas and carbon dioxide, and a fuel cell which generates electrical energy by using the hydrogen gas. The device

includes an absorbent portion which selectively absorbs carbon dioxide contained in the first gas and thus produces a second gas whose carbon dioxide concentration is lower, thereby increasing the efficiency of the fuel cell.



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