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(54) **HUMIDIFIER AND FUEL CELL SYSTEM USING THE SAME**

(57) A humidifier (16) includes a hollow fiber module (42) in which a gas to be humidifier flows, and a tubular casing (30) that houses the hollow fiber module (42). An inlet port (32) for introducing a humidifying gas into a flow path (30h) is formed on the peripheral surface on one end side of the casing (30), and an outlet port for discharging the humidifying gas from the flow path 30h is formed on the peripheral surface of the other end side of the casing 30. The casing (30) includes a curved portion (37), and the hollow fiber module (42) is curved along the shape of the curved portion (37).

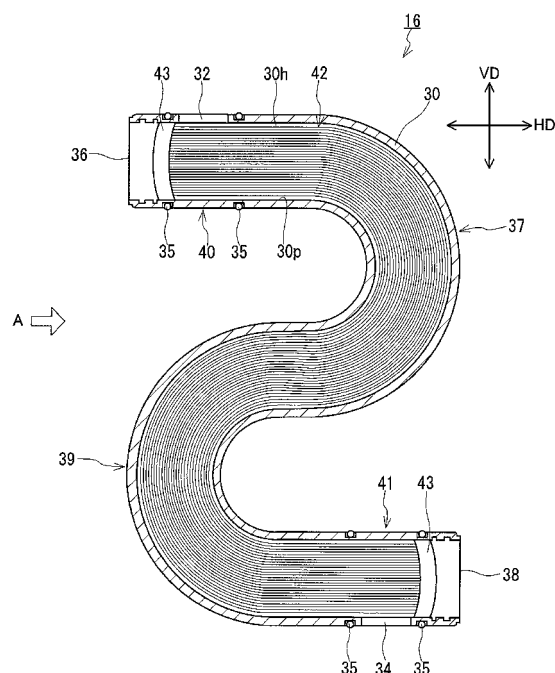


FIG.2A