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(54) GAS TRANSPORTATION DEVICE

(57) A gas transportation device (1) includes a casing (11), a nozzle plate (12), a chamber frame (13), an actuator (14), an insulating frame (17) and a conducting frame (18), which are stacked sequentially. The nozzle plate (12) includes at least one bracket (120), a suspension plate (121) and a through hole (124). The bracket (120) includes a fixing part (122) and a connecting part (123). A shape of the fixing part (122) matches a shape of the fixing recess (113). The nozzle plate (12) is accommodated within the accommodation space (111). A resonance chamber (130) is defined by the actuator (14), the chamber frame (13) and the suspension plate (121) collaboratively. When the actuator (14) is enabled, the nozzle plate (12) is subjected to resonance and the suspension plate (121) of the nozzle plate (12) vibrates in the reciprocating manner. Consequently, the gas is transported to a gas-guiding chamber (19) through the at least one vacant space (125) and outputted from the discharging opening (112), thereby achieving the gas transportation and circulation.

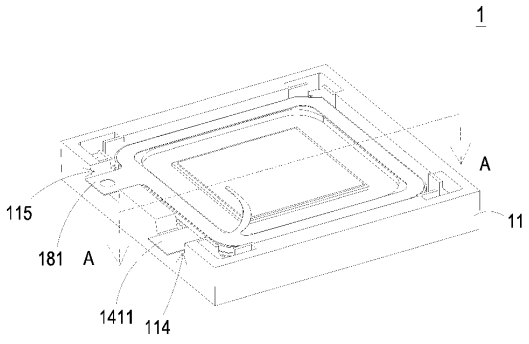

FIG. 1

EP 3 450 756 A8