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(54) **ALCOHOL DETECTION SYSTEM AND METHOD FOR VEHICLE**

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(57) **ABSTRACT**

An alcohol detection system for a vehicle has an alcohol sensor, for which alcohol measurement preparation processing such as heating the alcohol sensor to a predetermined temperature is performed, so that the alcohol sensor operates under the stable operation state. The alcohol measurement preparation processing is started, before a driver actually gets in the vehicle. For example, the preparation processing is started, when a predetermined manipulation of a driver on the vehicle before entering the vehicle is detected. The manipulation may be unlocking or opening of a vehicle door.

(73) Assignee: **DENSO CORPORATION**, Kariya-city (JP)

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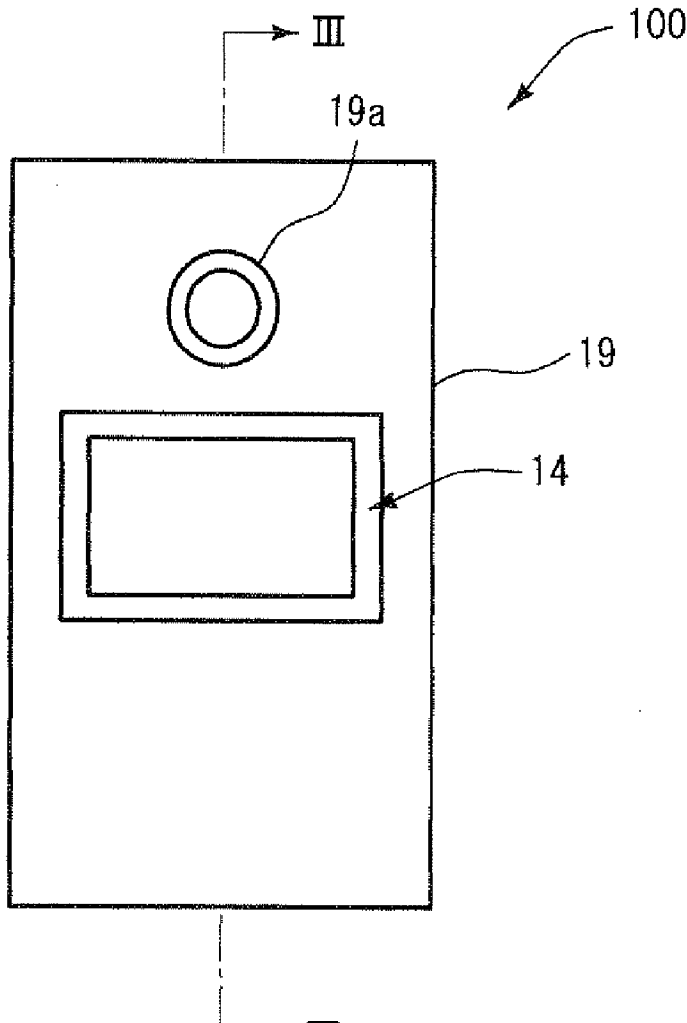


FIG. 1

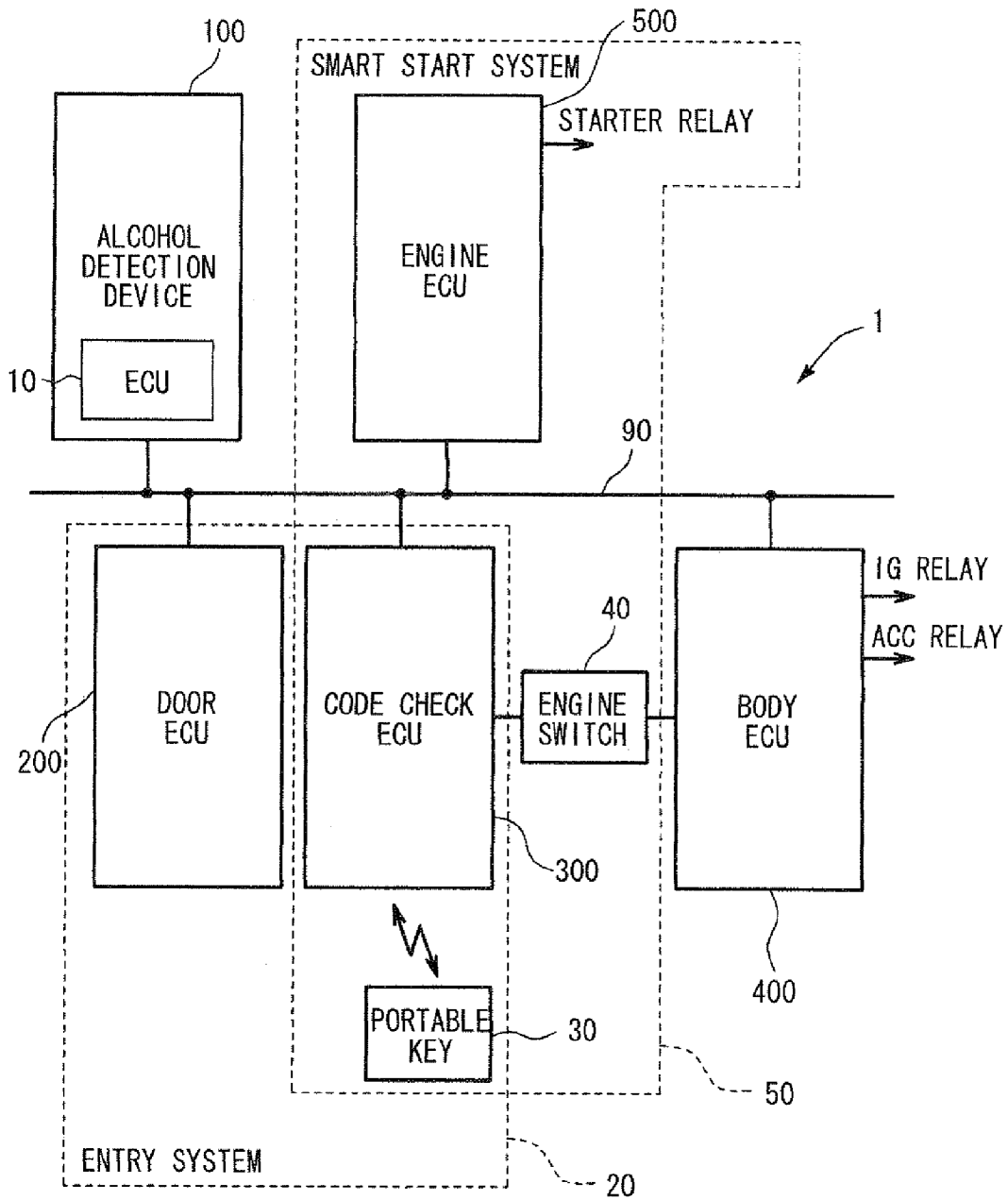


FIG. 2A

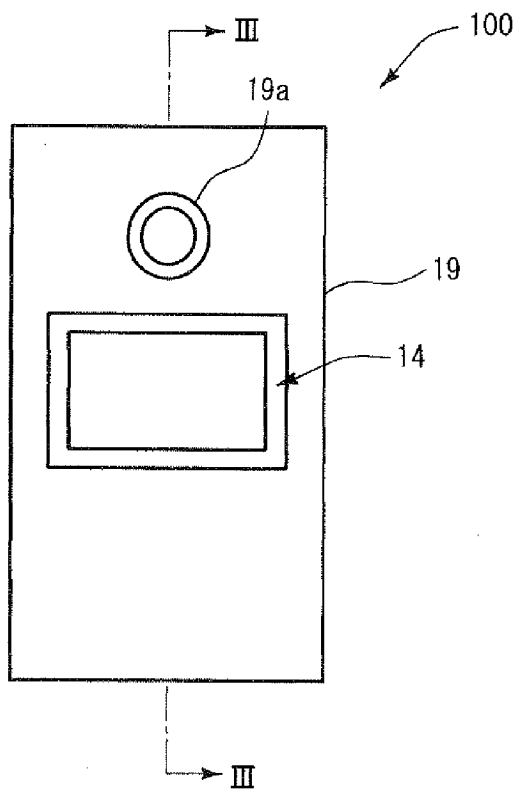


FIG. 2B

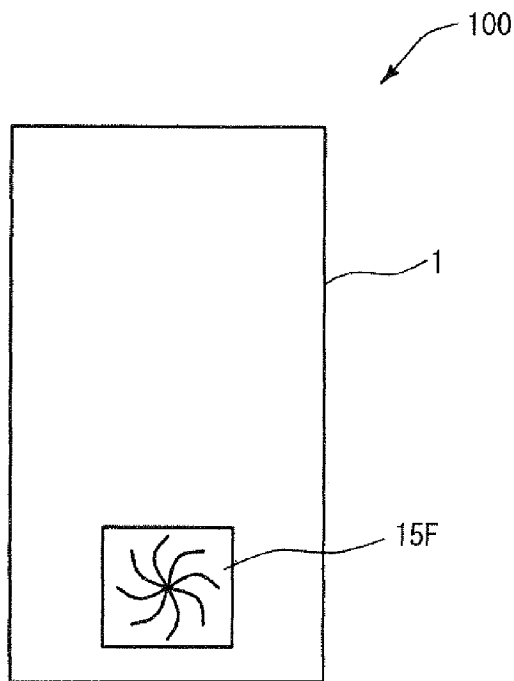


FIG. 3

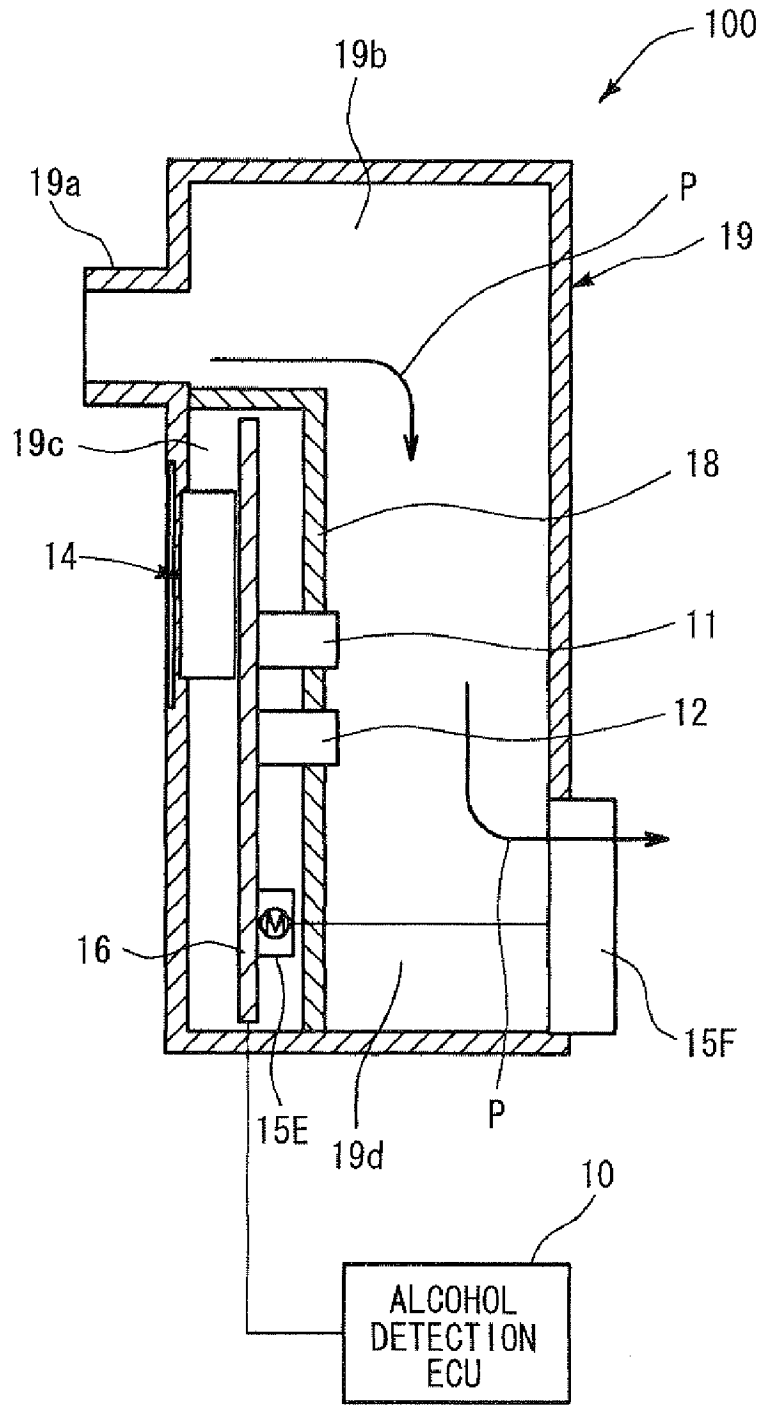


FIG. 4

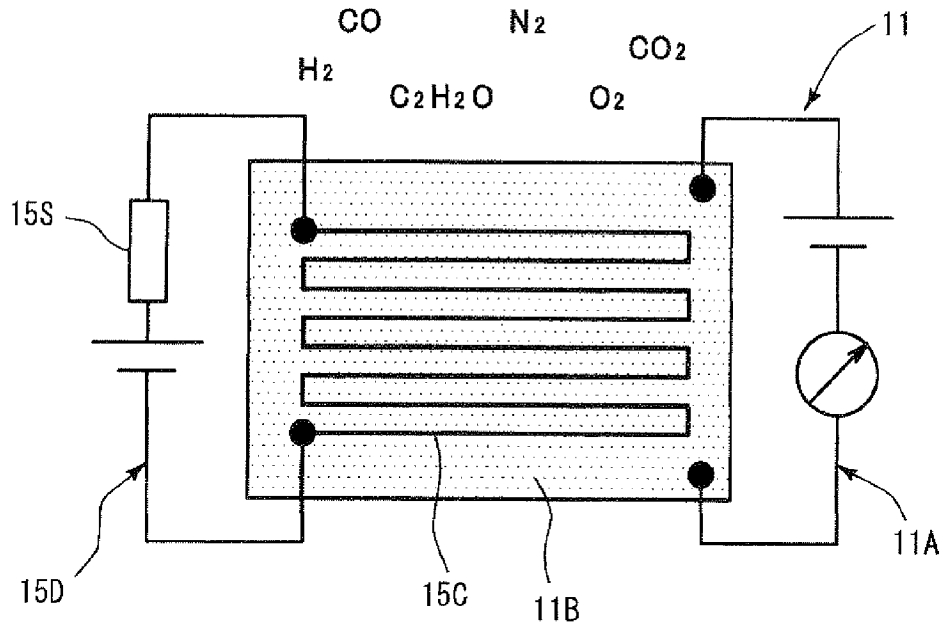
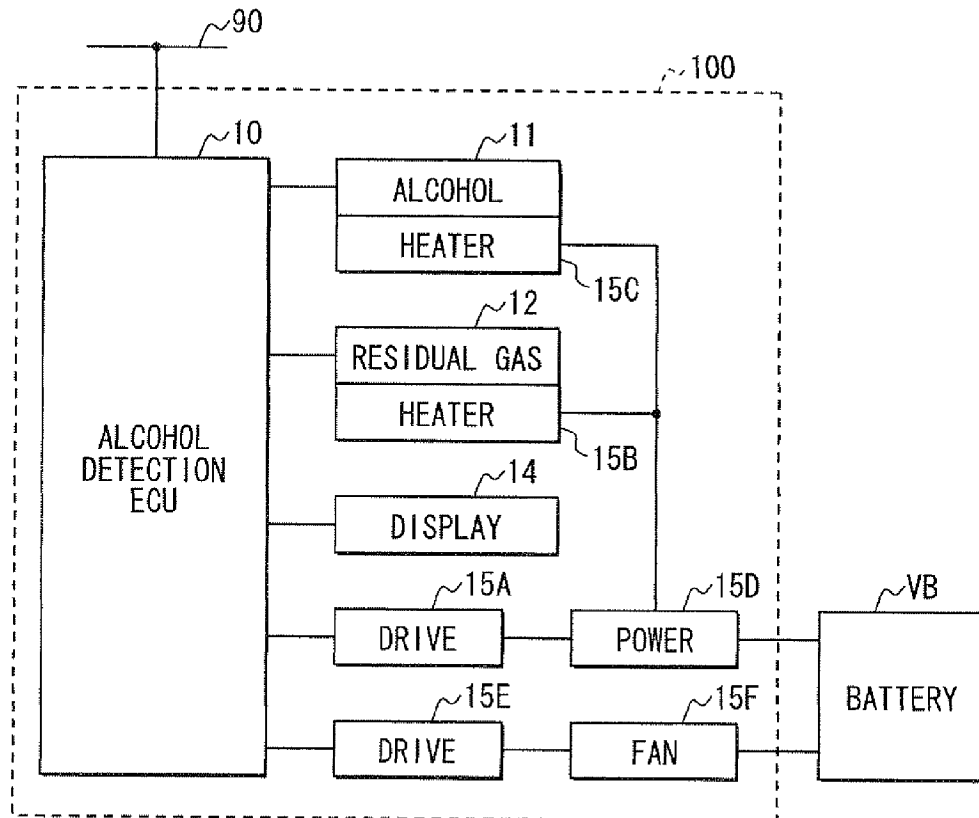


FIG. 5



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