

5    **WE CLAIM:**

1. An accurate sensing method for alcohol consumption detection in cars with auxiliary assisting device: comprises of;

    A plurality of gas sensing layer (1);

    An electrode (2);

10    An electrode line (3);

    A heater coil (4);

    A tubular element (5);

    An anti-explosion unit (6);

    A clamp ring (7);

15    A resin base (8); and

    A tube pin (9); and

    An Arduino UNO (10),

    Characterised by,

20    wherein, the gas sensing layer (1) is used for detecting alcohol based on the sensitive material depends on the resistance change when the sensor is exposed to alcohol gas placed four sensors around the driver, therein, a MQ3 sensor has the internal elements further comprises of the electrode (2), the electrode line (3), the heater coil (4), the tubular element (5), the anti-explosion unit (6), the clamp ring (7), the resin base (8) and the tube pin (9) which is embedded over the Arduino UNO (10), multiple in numbers as the MQ3 sensors, wherein, the complete process of data sensing through the MQ3 to the Arduino UNO (10), is assessed by the coding which is embedded with it,


25    wherein, the accuracy of said device is based on the plurality of sensors placed around the driver therein, by identifying the type of alcohol with additional data whether the driver is consumed alcohol or not, and an aggressive driving pattern  
30    by the driver by on board diagnostics unit, and

5 wherein, collected data is further used to communicate to the stakeholders to safe guard and make fines.

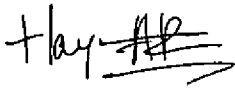
2. The accurate sensing method for alcohol consumption detection in cars with auxiliary assisting device as claimed in claim 1, wherein said device can be embedded over the existing vehicle for better data collection related to alcohol consumption by the driver and sending messages to family members to avoid driver to consume alcohol and drive the vehicle again along with concerning authorities to take further actions.

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Applicant signature

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