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(57) Abstract :

IOT ENABLED AUTOMATED AIR QUALITY INDICATOR SYSTEM IN AIRPORT AND METHOD THEREOF The IOT enabled automated air quality indicator system is designed for airport to check the quality of air and to determine the heat evolved by the individuals in the surrounding. In order to check the air purity and elevated temperature in the airport, the mechanism is designed in such a way that the sensors will sense the presence of purified air and elevated temperature in environment. The invention is consisting of numbers (n) of sensors (11), (12), (13), (14), (15) placed at multiple positions in the airport. The smart gateway (200) is attached with dust sampler (211), (212), PM (10) is used to determine the concentration in atmosphere of particulate matter of size 10 µm. Accommodate the activity the MQ1 (300), MQ2 (310), MQ3 (320), MQ4 (330), MQ5 (340), MQ6 (350), MQ7 (360).

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