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(57) Abstract :
"SYSTEM FOR ESTIMATION AND PREDICTIVE CONTROL OF AIR POLLUTION" The present invention relates to the field of a system for estimating air pollution and a method applied thereto, and more specifically, to a movable real-time air pollution estimation system and a method applied thereto. The system for estimation and predictive control of air pollution including a set of sensors configured to generate output signals conveying information related to air pollutant present in air, a data acquisition module to generating a circuitry to receive said digital signals, a storage unit configured to store a database for storing analyzed information, a communication module for transmitting air pollution data detected by and received from the set of sensors and position data received from the positioning device via the network system, a processing unit for receiving the air pollution data and the position data transmitted from the communication module, and then performing process of analysis and management on the data, and one or more display units to displayed the pollution data. Dated this 17th day of October, 2022 POOJA AGENT FOR THE APPLICANT IN/PA/1838

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