(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041007612 A

(19) INDIA

(22) Date of filing of Application :23/02/2020

(43) Publication Date : 28/02/2020

(54) Title of the invention : IOT BASED REAL-TIME FUEL EFFICIENCY AND MONITORING SYSTEM FOR A SMART VEHICLE USING MOBILE DEVICE

(51) International classification :G06Q0050060000,G01F0023200000,A63B0024000000,G06Q0010060000,G01F0023296000
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr.S.Sudhakar
Address of Applicant :Professor, Sree Sakthi Engineering College, Karamadai, Coimbatore Tamil Nadu India
2)Dr. Pankaj Dadheech
3)Dr.V. Priya
4)Dr.A.Sagai Francis Britto
5)Mr.S.Ramesh
6)Mrs.M.Divyapushapalakshmi
7)Mr.V.Ramachandran
8)Mr.Ankit Kumar
9)Mr.R.Parthiban
10)Dr.Hemant Dhabhai
(72)**Name of Inventor :**
1)Dr.S.Sudhakar
2)Dr. Pankaj Dadheech
3)Dr.V. Priya
4)Dr.A.Sagai Francis Britto
5)Mr.S.Ramesh
6)Mrs.M.Divyapushapalakshmi
7)Mr.V.Ramachandran
8)Mr.Ankit Kumar
9)Mr.R.Parthiban
10)Dr.Hemant Dhabhai

(57) Abstract :
To facilitate the need for an effective transport system for goods, this invention describes solutions for real-time tracking and fuel control, which considered being the main problems that most truck companies want to address. Through keeping a fast track with fuel consumption and intake, vehicles made more effective in terms of cost and fuel. These can achieve by data grouping and remote monitoring devices installed in the fuel storage tank position. The primary goal of the invention is to recognize the particular quantity of the remaining gas in the fuel tank and how much distance it can travel. They can also locate nearby petrol pumps, and it will also mean that the petrol pumps are out of or not. The graphical display will indicate how much fuel is in the fuel tank and how much added, and the total amount of fuel in the fuel tank will be evidence of any wrongdoing committed by the ones who fill the fuel. Use the speed sensor and terrain sensor; using this entire system helps monitor their mileage. The perception of the graphics helps the user understand better. This system uses GSM , GPS Module Ultrasonic Sensor & SIM808. In this device, the owner gets information about fuel content in the tank via PIC 16F872A, Microcontroller, SIM808 GSM GPS module, LCD and keypad included in the system. This smart system gives fuel consumption 24x7access, warnings when the tank fuel level unexpectedly decreases.

No. of Pages : 12 No. of Claims : 5

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

GOVERNMENT OF INDIA

Controller General of Patents,Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202041007612
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/02/2020
APPLICANT NAME	1 . Dr.S.Sudhakar 2 . Dr. Pankaj Dadheech 3 . Dr.V. Priya 4 . Dr.A.Sagai Francis Britto 5 . Mr.S.Ramesh 6 . Mrs.M.Divyapushapalakshmi 7 . Mr.V.Ramachandran 8 . Mr.Ankit Kumar 9 . Mr.R.Parthiban 10 . Dr.Hemant Dhabhai
TITLE OF INVENTION	IOT BASED REAL-TIME FUEL EFFICIENCY AND MONITORING SYSTEM FOR A SMART VEHICLE USING MOBILE DEVICE
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sudhasengan@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sudhasengan@gmail.com
E-MAIL (UPDATED Online)	sudhasengan@gmail.com
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	23/02/2020
PUBLICATION DATE (U/S 11A)	28/02/2020

Application Status

View Documents