

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 03/2021
ISSUE NO. 03/2021

शुक्रवार
FRIDAY

दिनांक: 15/01/2021
DATE: 15/01/2021

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE



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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041056460 A

(19) INDIA

(22) Date of filing of Application :25/12/2020

(43) Publication Date : 15/01/2021

(54) Title of the invention : INTERNET OF THINGS BASED AUTOMATIC AND SMART SPEED CONTROL SYSTEM FOR VEHICLES

(51) International classification

:H04L
29/08

(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

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(57) Abstract :

The infrastructure of developing countries and developed countries mainly focuses on roadways that connect cities and towns. The roadway in India is broadly classified as Expressways, National highways, state highways and other roadways. The number of accidents in roadways are increasing eventhough the infrastructure of roadways are improved. This is due to the lack of control in speed by the drivers. The drivers are not controlling their speeds when they are switching from broader roads to narrower roads and also not following the speed limits in their travel. This invention presents an automatic and smart speed control system for vehicles based on internet of things. The system is to be installed in all vehicles. Based on the global positioning system coordinates and speed limit sign boards, the speed of the vehicles is automatically optimized gradually so that the drivers follow the speed limit of that region. Hence, the proposed invention avoids the accidents that occur due to speeding of the vehicles.

No. of Pages : 10 No. of Claims : 6



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