(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2021

(21) Application No.202111008829 A
(43) Publication Date : 26/03/2021

(54) Title of the invention : MTV-FRAMEWORK TRAFFIC CLASSIFICATION: MACHINE /DEEP LEARNING FRAME WORK FOR TRAFFIC CLASSIFICATION AND TAKING APPROPRIATE ACTIONS ON VEHICLES USING IOT-BASED TECHNOLOGY.

(51) International classification	:G06K0009000000, H04L0012700000, G06K0009620000, G08G0001096700, H04L0012540000
(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)Mr. Somendra Tripathi (Assistant Professor)
Address of Applicant :Faculty of Engineering and Technology, Rama University Uttar Pradesh Kanpur India. Uttar Pradesh India
2)Dr. Akhtar Husain (Associate Professor)
3)Prof. (Dr.) Hari Om Sharan
4)Devakishan Adla (Associate Professor)
5)Prof.(Dr.) S. B. Chordiya (Director-SIMMC-Campus)
6)Prof. (Dr.) B.K. Sarkar (International Patent Motivational Speaker)
(72)**Name of Inventor :**
1)Mr. Somendra Tripathi (Assistant Professor)
2)Dr. Akhtar Husain (Associate Professor)
3)Prof. (Dr.) Hari Om Sharan
4)Devakishan Adla (Associate Professor)
5)Prof.(Dr.) S. B. Chordiya (Director-SIMMC-Campus)
6)Prof. (Dr.) B.K. Sarkar (International Patent Motivational Speaker)

(57) Abstract :
Our invention MTV-Framework Traffic Classification: Machine /Deep Learning Frame Work for Traffic Classification and taking appropriate actions on vehicles using IoT-Based Technology is an asynchronous transfer mode traffic control framework is based on an integrated usage parameter control approach, which approach provides a unified and scalable solution to the issue of quality-of-services (QOS) levels over a range of anticipated services at outstanding networks. The invention is also a UPC-based call and burst admission control providing the desired QOS over periods of network overload by call/burst admission control and traffic shaping of source stream preferably uses a dual leaky bucket. The invention is also a computerized system mountable on a moving vehicle and the computerized system includes a camera and also the intelligent camera captures in real time image frames of the environment in the field of view of the intelligent camera and transfers the image frames to an image processor. The invention is an image processor is programmed for performing traffic sign recognition and for performing another driver assistance function and information is exchanged between the traffic sign recognition and the other driver assistance function.

No. of Pages : 20 No. of Claims : 5