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(51) International classification	:H04L 29/08	(71)Name of Applicant : 1)Dr. E. DHIRAVIDACHELVI Address of Applicant :Professor, Electronics and Communication Engineering , Mohamed Sathak A J College of Engineering,34, Rajivgandhi Road, OMR, Egattur, Chennai-603103 Tamil Nadu India
(31) Priority Document No	:NA	2)Dr. E. ANNA DEVI
(32) Priority Date	:NA	3)Dr.E.AHILA DEVI
(33) Name of priority country	:NA	4)Ms. E. JAYANTHI
(86) International Application No	:NA	5)Ms.I.S.SUGANTHI
Filing Date	:NA	6)Mr. J.RAJA
(87) International Publication No	: NA	7)Mr. NAVEENKUMAR SUBRAMANIAM
(61) Patent of Addition to Application Number	:NA	8)Dr.P.DEEPA
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)Dr. E. DHIRAVIDACHELVI
Filing Date	:NA	2)Dr. E. ANNA DEVI
		3)Dr.E.AHILA DEVI
		4)Ms. E. JAYANTHI
		5)Ms.I.S.SUGANTHI
		6)Mr. J.RAJA
		7)Mr. NAVEENKUMAR SUBRAMANIAM
		8)Dr.P.DEEPA

(57) Abstract :

ABSTRACT In todayTMs world, cloud computing is becoming an integral part of every system. Due to the increase in bandwidth and latency, real time data processing near the source becomes the need. Edge computing fuels the transportation industry as it offers cheaper form of cloud technology and reliability on security. Smart vehicles involve usage of IOT devices and sensors with AI techniques. The vehicles operate on transmitting the sensor data for processing to function accordingly. As the whole action of the vehicle must be quicker, edge computing is deployed to work on an embedded system for intelligent transportation. In a vehicular network the most important and expected feature will be the servers that have computational and storage capabilities which are deployed in the network. Moreover, a powerful communicational and computational mechanism is needed to support the contemporary applications in the vehicular network. There are many challenges for the vehicular network and majorly for an intelligent transport, one such will be the demands of computation and communication with ever increasing advancement. We have implemented the maximum requirements and the challenges that any conventional vehicular network requires.

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