

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111038117 A

(19) INDIA

(22) Date of filing of Application :23/08/2021

(43) Publication Date : 03/03/2023

(54) Title of the invention : DEVICE AND METHOD FOR SENSING LOAD IN A VEHICLE

(51) International classification	:G07C0005000000, A61B0005000000, G01G0023370000, G01G0019080000, G01C0021260000	(71)Name of Applicant : <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)BHATIA, Tarandeep Kaur</b>
(32) Priority Date	:NA	<b>2)SHARMA, Rahul</b>
(33) Name of priority country	:NA	<b>3)TANWAR, Sarvesh</b>
(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	

(57) Abstract :

The present disclosure relates to a device (100) for monitoring load in a vehicle, the device includes one or more sensors (102) that detects weight parameters of the vehicle. A transceiver (108), on receipt of the weight parameters, transmits a signal. A control unit (106) receives the weight parameters of the vehicle and analyse the weight parameters to extract a set of values wherein based on determination of the weight parameters and a deviation of the extracted set of values for the weight parameters from a reference set of values, the transceiver is configured to transmit the signal to a computing device (110) associated with authorities so as to generate corresponding action, the signal pertaining to any or a combination of weight of the vehicle, identity of the vehicle and location of the vehicle.

No. of Pages : 17 No. of Claims : 10