(12) PATENT APPLICATION PUBLICATION   (21) Application No.202111038967 A

(19) INDIA

(22) Date of filing of Application :27/08/2021   (43) Publication Date : 17/03/2023

(54) Title of the invention : VEHICLE PART CONDITION PREDICTION AND INSURANCE GENERATION

(51) International classification	:G06Q0040080000, G07C0005000000, G16H0050300000, G07C0005080000, G06Q0050220000	(71)**Name of Applicant :**
		   1)**Chitkara Innovation Incubator Foundation**
		    Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh - 160009, India. Chandigarh India
		 (72)**Name of Inventor :**

(31) Priority Document No	:NA	1)**SOOD, Kiran**
(32) Priority Date	:NA	2)**BANSAL, Rajni**
(33) Name of priority country	:NA	3)**GUPTA, Monica**
(86) International Application No	:NA	4)**BASSI , Payal**
Filing Date	:NA	5)**JASLEEN**
(87) International Publication No	: NA	6)**SAKHUJA, Sumit**
(61) Patent of Addition to Application Number	:NA	7)**SHARMA, Sandhir**
Filing Date	:NA	8)**BALUSAMY, Balamurugan** 9)**KUMAR, R. Lakshmana**
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present disclosure relates to a system and method risk for prediction of risk profile, health status, and insurance premium policy for parts of a vehicle. The system involves sensors configured with parts of the vehicle to monitor their condition. The system allows users to capture pictures of the parts using their mobile devices. The system includes a server configured with artificial intelligence, which receives the sensor data and images of the parts of the vehicle and processes the data and image to predict the risk profile and health condition of the corresponding parts of the vehicle. Further, based on the predicted risk profile and health condition, the server determines an insurance premium policy for the vehicle. Furthermore, the system alerts and notifies the user on their mobile devices about the predicted risk profile and health condition, and the suggested insurance policy premium.

No. of Pages : 33 No. of Claims : 10