

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011037714 A

(19) INDIA

(22) Date of filing of Application :01/09/2020

(43) Publication Date : 04/03/2022

(54) Title of the invention : SYSTEM FOR ACTUATING IGNITION UNIT OF A VEHICLE

(51) International classification	:A42B0003040000, A42B0003220000, G01S0017930000, A42B0003140000, B60C0011240000	(71) <b>Name of Applicant :</b> <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) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)MALHOTRA, Reetu</b>
(33) Name of priority country	:NA	<b>2)KUMAR, Deepak</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 pertains to a system 100 for actuating ignition unit 112 of a vehicle 114 when rider wears helmet 102 properly. A strap 104 is attached to the helmet 102, where the strap 104 can include a locking unit 106 to facilitate proper fixing and locking of the helmet 102 on the head of the rider. The system 100 also includes a sensor 108 and an RF module 120, where the sensor 108 can sense if the helmet 102 is properly worn by the rider on his/ her head, and in case the helmet 102 is properly worn by the rider, the RF module 120 can correspondingly generate signals to facilitate actuation of the ignition unit 112.

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