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(71)Name of Applicant :

1)Chitkara University

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Chitkara Innovation Incubator Foundation

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)GOEL, Cheenu

Address of Applicant :Associate Professor, Chitkara Business School, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)GARG, Parth

Address of Applicant :MBA Student, Chitkara Business School, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

A multi-function electronic key 100 for a vehicle 202 comprises a housing 102, a metal strip key 104, a plurality of press buttons 206, a plurality of indicating lamps 208, a location detection unit 108, a buzzer 114, a rechargeable battery 130 recharged through solar panel module 116 and external power source 208, and a control unit to execute at least first function, a bluetooth device 134 is configured to provide bluetooth network for operating key 100 with vehicle 202 and the mobile device 204.

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