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(57) Abstract :

The present disclosure pertains to an emergency alert system 100 that comprises an impact sensor 102 mounted on front part a vehicle that transmits a first signal at least indicative of an impact parameter, a switch 104 mounted on the vehicle that is manually operated to transmit a second signal indicative of an emergency, an alarm device 114 that generates a signal indicating an emergency, a control unit 102 operatively coupled with a memory, one or more microcontrollers, a GPS device 110, a GSM module 112, and an alarm device 114, where the control unit 102 receives first signal from an impact sensor 102, process the signal to determine if the impact parameter exceeds a predetermined threshold value, and transmits a first command signal to the alarm device 114, and a second command signal to a device coupled with the GSM module 112.

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