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(57) Abstract :

The present disclosure pertains to an automatic vehicle accident detection and notification system designed to detect the occurrence of an accident. The system computes a severity score and determines existence of an emergency. The communication system is configured to send an emergency notice along with geographical location information to one or more emergency responders selected from a group including an ambulance, a hospital, roadside emergency assistance, insurance provider and a family. The processor includes a machine learning algorithm trained to better recognise or predict the event of an accident from telematics time series data. The system includes an air bag system to minimize the impact of the crash.

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