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(54) Title of the invention : SYSTEM AND METHOD FOR ACCIDENT DETECTION AND SMART RESCUE SYSTEM USING ANDROID SYSTEM

(51) International classification	:F01K 071600, G07C 050000, G07C 050800, G08B 250100, G08G 010100	(71)**Name of Applicant :**
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(57) Abstract :
The system (100) in the present disclosure analyses live accidents and enables a smart rescue system for sending out timely notifications to the user and emergency services in case of an accident. The system is triggered whenever an accident takes place and conveys the data and time to any nearby emergency service such as any medical facility, ambulances, doctors or even fire services. The system aims at providing highly timely updates so that the user who met with an accident can be attended to in time. The method includes several machine learning models (106) that learns from the training data to identify accidents in real time through the various sensors present in the system. The sensors (112) measure the location, the speed of the user, the temperature and so on and any abrupt change triggers the system to fetch more details and contact a corresponding emergency service.

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