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(57) Abstract :

The present disclosure relates to a Fan Suicider Detector designed to prevent suicide attempts by hanging from ceiling fans. The system comprises load sensors (12) integrated into one or more ceiling fans (10), a control unit (14), an alert module (16), and a mobile device (18). The load sensors (12) detect the presence of a person hanging from the fan, and the control unit (14) compares the detected load with a predefined threshold value. When the load exceeds the threshold, the control unit (14) activates the alert module (16), generating an audible sound to alert nearby family members or neighbors. Simultaneously, the mobile device (18) sends real-time notifications to pre-registered mobile numbers of family members or authorities. The system offers an innovative and proactive approach to suicide prevention, enabling timely intervention, counseling, and support for individuals in distress.

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