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(57) Abstract :

The present disclosure pertains to a system for averting accidents at a railway crossing. The system comprises a pair of sliding gates (110-1 and 110-2) configured at a pre-defined position on the railway crossing (202); and a detector configured to detect presence of a train within a pre-defined distance from the railway crossing. The system also comprises a control unit configured to trigger a set of alert signals in response to detection of the presence of the train by the detector; and actuate movement of the gates (110-1 and 110-2) to enable closing of the gates (110-1 and 110-2) corresponding to the triggered set of alert signals, wherein closing of the gate prevents traffic comprising two wheelers along with four wheelers from entering the railway crossing, thereby avoiding accidents. The system also comprises an image sensor to monitor and manage traffic present at both sides of the railway crossing.

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