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(57) Abstract :

The present invention relates to a speed bump installation device, comprising a cuboidal body 1 attached with suction units 2 for affixing with road surface, an ultrasonic sensor installed on body 1 for detecting road width, a motorized spool 3 wrapped with multiple dome shaped members 4 hinged with one-another attached within body 1 for unwrapping members 4 over road, a pair of calendar rollers 5 attached on an outlet of body 1 for guiding dispensed members 4 towards road, a motorized scissor arrangement 6 installed within members 4 deploys members 4 over road to create a speed bump on road, an artificial intelligence based imaging unit 7 installed on members 4 captures and detects type and ground surface of vehicle, a LED (Light-Emitting-Diode) strip 9 installed on members 4 illuminates to notify driver of vehicle, and a speed sensor installed members 4 detects vehicle speed.

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