



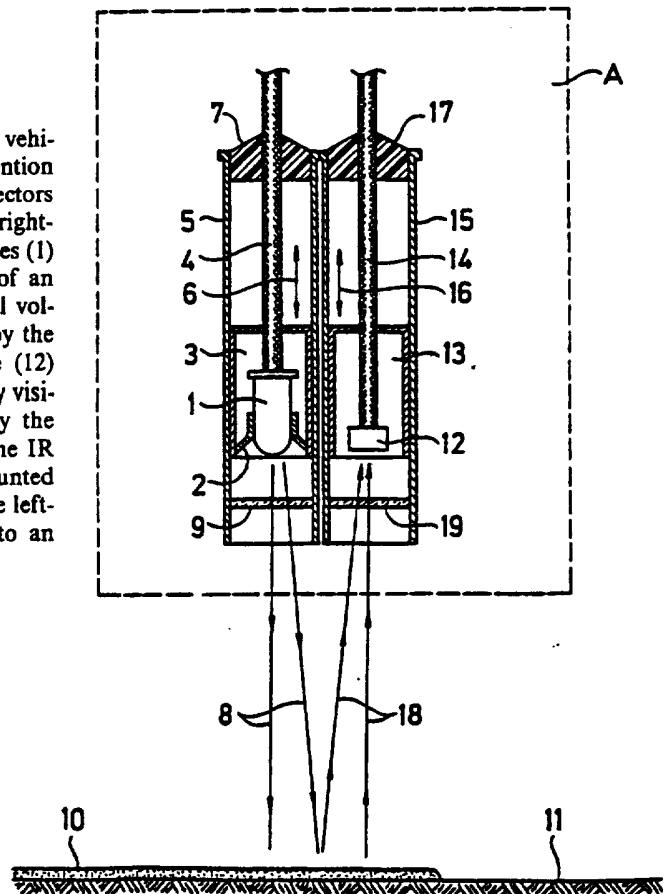
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(54) Title: WARNING DEVICE IN A MOTOR VEHICLE FOR DETECTION OF UNINTENTIONAL CHANGE OF COURSE

(57) Abstract

The invention relates to a warning device in a motor vehicle for detection of unintentional change of course. The invention utilizes existing white road lines being scanned by two detectors (A) mounted far out in the front on the left-hand and the right-hand side of the bumper of the vehicle. IR transmitting diodes (1) located in the detectors are fed from a transmitting unit of an electronic unit mounted in the vehicle with a pulsed signal voltage. The light emitted from the IR diode (1) is reflected by the lines (10) of the roadway (11) to an IR receiving diode (12) mounted in the detector (A), this diode not being affected by visible natural and/or artificial light but is only activated by the pulsed, reflected IR light. The signal voltage received by the IR receiving diode (12) is connected to two receiving parts mounted in the electronic unit, one for the right-hand and one for the left-hand side of the vehicle compartment, for conversion into an acoustic or an optical warning signal to the driver.



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