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(57) Abstract :

A magnetic emergency roadside warning device includes a magnetic base (101), LED light ring (102), control unit (103), rechargeable battery pack (104), solar panel (105), and auto-activation sensor (106), all housed in waterproof casing (107). Designed for vehicle breakdowns, it adheres to metallic surfaces and emits high-visibility alerts. The device auto-activates upon sudden impact, supports USB and solar charging, and optionally transmits alerts to smartphones, offering a robust, reusable, and smart solution for roadside emergency signalling.

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