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(57) Abstract :

An accidental shock absorption device for four-wheeler vehicle, comprises of a platform 1 utilize to be installed at a rear-portion of a four-wheeler vehicle, an inductive capacitive sensor arranged on the platform 1 for detecting type of material of the rear portion, electromagnets 2 ranging from 4 to 6 configured with the platform 1 for adhering the rear portion, a suction unit 3 paired with suction cups 4 ranging from 4 to 6 equipped with the platform 1 for adhering the platform 1 on the rear portion, a camera 5 mounted on the platform 1 for capturing multiple images of surroundings, a speed sensor positioned on the platform 1 for detecting speed of approaching the vehicle, and an inflatable member 8 configured with each of set of members 6 for inflating members 8 in order to absorb shock during collision of the other vehicle with members 8.

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