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(57) Abstract :

An automated anti-splattering device for bicycles, comprising a C-shaped frame 1 developed to be installed underneath carrier of a bicycle, plurality of suction units 6 are arranged on top portion of the frame 1 for adhering to the carrier, an imaging unit 5 integrated in the frame 1 to determine dimensions of rear fender of the bicycle, a pair of curved plates 2 arranged on ends of the frame 1 via a motorized hinge joint 4 for positioning the plates 2 around the fender, plurality of electromagnets 3 arranged on ends of the plates 2 for properly enclosing the plates 2, a speaker 8 integrated on the frame 1 for notifying the user, plurality of curved flaps 7 arranged underneath the frame 1 and integrated with plurality of telescopically operated links for deploying the curved flaps 7.

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