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(57) Abstract :

The present disclosure pertains to system 100 and a bin for automatically segregating garbage. It includes a bin for receiving and accommodating the garbage, the bin 110 comprises multiple chambers 112. It also includes a controller 106 coupled to the bin 110, and comprising a learning engine 108, the controller 106 configured to: detect a type of the garbage, and correspondingly segregate the garbage; move the segregated garbage into corresponding chamber 112; and generate an alert in case any of the chambers 112 gets filled over a pre-defined limit, such that the generated alert is transmitted to one or more vehicles, wherein the nearest vehicle 104 approaches the bin 110 to collect the garbage.

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