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(51) International classification	:G06F0012020000, C02F0001000000, B01D0063080000, A01N0025340000, C05F0009020000	(71) <b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector -9c, Madhya Marg, Chandigarh - 160009, India. Punjab India
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(57) Abstract :

The present disclosure provides system 100, vessel 300 and method 200 for cleaning water body. The system 100 includes: vessel 106 placed in the water body; garbage collecting unit 108 includes conveyor belt with nets adapted to collect garbage from the water body, and the collected garbage include wet and dry garbage; garbage separating unit 110 configured to separate dry garbage and wet garbage from the collected garbage; garbage storing unit 112 configured to store the separated dry and wet garbage in first and second containers respectively; garbage compressing unit 114 configured to compress the dry garbage; and water filtering unit 116. The water filtering unit 116 configured to: extract water from the separated wet garbage; and purify the extracted water by removing solid wastes and impurities from the extracted water.



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