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(57) Abstract :

The present invention relates to an intelligent cooking oil storage system comprising of a vessel 1 having a primary and secondary chamber 2, 3 installed one over another, multiple sections 4 divided in primary chamber 2 to store different oils, a touch enabled display screen 5 installed over vessel 1 for entering details of the vegetables to be cooked, a pump installed within each section 4 of primary chamber 2 for pumping oil towards secondary chamber 3, a first and second dispensing unit installed in association with secondary chamber 3 for poring and spraying oil respectively, an AI based imaging unit 9 installed over vessel 1 in association with odor sensor 10 to categorize used oil as recyclable or waste and a recyclable container 11 installed at vessel 1 and connected with hollow telescopic tube 12 connected with suction pump to suck and transfer recyclable oil in container 11.

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