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(57) Abstract :
The present invention relates to an automatic yam processing device, comprises of a cuboidal housing 1 having a primary chamber 2 to store multiple varying sized yam, a gripper 3 picks and place yam over a conveyor belt 4, an image capturing module 5 to monitor movement of yam over conveyor belt 4, a nozzle 7 mapped on a canister 6 to dispense water to wash yam, a bar 8 coupled with a motorized blade 9 to facilitate peeling of washed yam, a cuboidal chamber 10 having a peltier unit 11 to boil collected yam, a secondary chamber 12 coupled with a motorized stirrer 13 to mesh boiled yam, multiple compartments 14 linked with multiple ECVs (Electronic Controller valve) 15 to dispense ingredients from the compartments 14 over the meshed yam.

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