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(57) Abstract :

A crayon manufacturing device, comprising a housing 1 installed with a touch interactive display panel 2 that is accessed by a user for feeding inputs corresponding to initiation of a crayon manufacturing operation to feed amount of crayon colors required during the manufacturing operation, double boiler 3 for accommodating wax that is being dispensed from a compartment 4, motorized spoon 5 integrated on a pneumatically operated bar 6 to extend to stir the wax, heating unit 7 heats the wax to attain an optimal consistency, artificial intelligence enabled image capturing module 8 for monitoring consistency, pipe 9 connecting the boiler 3 and chamber 10 stored with multiple colors to be dispensed inside the boiler 3 for changing color of the wax and a Peltier unit 12 to cool down the formed colored mixture in view of shaping the mixture as per the mold to obtain crayon of various colors.

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