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(54) Title of the invention : DENTAL WAX APPARATUS

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(57) Abstract :

The present invention relates to a dental wax apparatus includes a body 1 having a first 2 and second ends 3, a primary 4 and secondary blade 5 extend or retract via sliding arrangement 6, a Peltier unit integrated inside the primary blade 4 for increasing the temperature, a button 7 linked with Peltier unit for generating heating effect, a heat sink 8 attached between blades 4, 5 for restricts the flow of heat energy, a magneto inductive displacement sensor 9 over the body 1 to measures the sharpness of blades 4, 5, a sharpening tool 10 via a set of rollers 12 and telescopic rod 11 inside the body 1 to sharpen the blade 4, 5 and, a motorized hinge 13 rotate the body 1 for allowing the use of blades 4, 5 by the user.

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