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(57) Abstract :

The present invention relates to an automated bee wax extracting device, comprising a cuboidal body 1 installed with multiple rods 2 that provides support on ground surface, an artificial intelligence-based imaging unit 4 installed on body 1 for determining presence of a beehive in vicinity to body 1, an inverted L-shaped telescopic bar 5 installed on body 1 for extending to position a circular platform 6 attached with bar 5 in proximity to beehives, a two-axis sliding unit 7 installed with a motorized cutter 8 arranged on platform 6 for cutting a pieces from beehive having bee wax, a robotic gripper 9 installed on body 1 for gripping and placing piece inside a chamber 10 attached in body 1, and a vacuum based cleaning unit 12 installed on a base portion of chamber 10 for transferring wax into a container 11 attached inside body 1 via a conduit.

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