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(57) Abstract :
 An automated roof thatching device, comprising a platform 1 configured with multiple telescopic rods 2 each attached with a motorized wheel 3 for maneuvering the platform 1, a chamber 4 crafted with an opening for storing multiple bundles of straws, an ultrasonic sensor mapped on platform 1 for detecting roof height, a motorized conveyor 5 attached with chamber 4 opening for translating the bundle towards a motorized disc 6 assembled on platform 1, an imaging unit 7 mounted on platform 1 for determining bundle translation, multiple motorized clamps 8 arranged on periphery of disc 6 for clamping the bundles, a robotic gripper 9 for gripping bundles and placing the bundles underneath a block 10 assembled on platform 1 via a link rod 11, a motorized clip 12 attached with block 10 for clamping the bundle and a display panel 14 mapped on platform 1 for enabling user' input details.

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