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(57) Abstract :

A brick cutting device comprising, a housing 1 configured with a display panel 2 that provides an access to input commands regarding dimensions of brick to be cut, an AI enabled camera 3 for capturing images of dimensions of said bricks , wherein the microcontroller on processing the images generates a sequential commands, a rotatable base 4 in continuation with a pair of expandable clampers 5 for spinning the brick as per images processed by said microcontroller, wherein the clampers 5 holds the bricks in a user defined manner, at least two motorized slider 6 coupled together in a manner to provide vertical and horizontal movement to a blade 7 as per command received from the microcontroller, a hammer unit 8 that strikes on the blade 7 to deliver an impact that assists in cutting the bricks. Ref Figure 1

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