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(57) Abstract :

An automated hinge installation device, comprising a portable body 1 configured with a first 2, second 3 and third portion 4, first portion 2 is equipped with a clamping unit for attaching body on a frame's edge, an artificial intelligence based imaging unit 6 installed on second portion 3 in connection with a microcontroller for detecting positioning of a panel, a lifting assembly 8 arranged on third portion 4 that holds panel through two suction cups 7 attached manually and lifts panel towards an edge of frame, a telescopic holder attached on second portion 3 for aligning knuckle of a hinge between edges of frame and panel, a fastening module 9 arranged in second portion 3 that creates holes in frame and panel followed by fastening of screw at screw holes of hinge, facilitating in attachment of panel with frame. Ref. Figure 1

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