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(57) Abstract :

A chimney flue liner cleaning device, comprises of a cuboidal body 1 within firebox of a chimney, a rotatable telescopic shaft 2 extends to get inserted in a flue liner, an artificial intelligence based imaging unit 3 and mounted on the shaft captures and processes images of inner surroundings of the flue liner, the motorized spoke wheels 4 provide motion to the body inside the liner, a primary cleaning unit 5 is fabricated with majority of blades performs rotary motion, the electromagnetic clutch helps in slicing of debris, a motorized disc 6 performs rotational motion to push sliced debris, a secondary cleaning unit 7 mounted on the shaft and arranged with majority of motorized blades rotates to clean debris, an electronic nozzle 8 dispense the solution on inner surroundings, the storage chamber 9 stores the epoxy solution.

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