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(57) Abstract :

An automated water rescuing device comprising, a cuboidal platform 1 fabricated with vertical rigid bar 2 developed to be placed in proximity to shore of water body, an AI module 3 in synchronization with an ultrasonic sensor mounted on platform 1 for detecting location of drowning user, a launcher 4 embedded with an inflatable tube 5 installed over bar 2 for launching the tube 5 towards the drowning user, a touch sensor embedded in tube 5 for detecting touch of drowning user, a motorized roller 6 wrapped with a rope 7 and attached to bar 2 to rotate in clockwise direction for pulling out drowning user from water body, a rectangular plate 8 attached beneath platform 1 immersed in water body for detecting flow of water, and an extendable ladder 10 installed over platform 1 extend towards drowning user for providing an additional support to drowning user while rescuing.

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