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(57) Abstract :

The present invention relates to a road crack repairing device, comprises of a housing 1 configured with multiple climbing wheels 2 for maneuvering housing 1 on ground surface, an image capturing module 3 for capturing and processing multiple images of road, a motorized roller 4 wrapped with an asphalt rubber 5 installed within a frame 6 to unwrap rubber 5 on crack, a motorized cutting blade 7 for cutting rubber 5 after dispensing rubber 5 on detected crack as per dimension, a robotic arm 8 for removing masking tape from rubber 5, a flammable torch 9 for heating rubber 5 that aids rubber 5 to melt, a telescopic rod 10 mapped with torch 9 extends/retracts for positioning torch 9 in proximity to dispensed rubber 5, a chamber 11 stored with granules that are dispensed via a slidable lid 12 that slides and create an opening for dispensing granules on crack.

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