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(57) Abstract :

An assistive mobility device for a punctured vehicle, comprising a platform 1 positioned adjacent to the punctured tyre with at least two wheels arrayed under the platform 1 to move the platform 1, an image capturing module 2 mapped on the platform 1 to locate the punctured tyre, a pair of telescopic rods 4 integrated with clamps 3 to lift the punctured tyre, an audio unit 5 fabricated on the platform 1 to guide the user to drive vehicle towards the tyre shop, a pair of telescopically operated L-shaped rods 6 arranged on the platform 1 to position the rollers 7 linked on the rods 6 on the rim of punctured tyre to rotate the rollers 7, a pair of gear-axle arrangement 8 attached between the wheels and the rollers 7 to provide mechanical energy to the wheels to move the platform 1 in synchronization with the vehicle.

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