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(57) Abstract :

A door knob opening assistive device for handicapped person, comprising a cylindrical hollow body 1 accommodated over a door knob, a laser acuity sensor detects diameter of door knob, eight to ten pneumatic links 2 configured at inner periphery of body 1 which extend for adhering a suction cup 3 for securing body 1 with door knob, a camera 4 detects presence of the handicapped person in proximity to door, a hinge 6 deploys a plate 5 to allow handicapped person to apply effort over plate 5 for opening door, a pressure sensor mapped on plate 5 which detects pressure applied by person on plate 5, a pair of L-shaped telescopically operated rods 7 configured with body 1 which extend for positioning an omnidirectional wheels 8 in contact with surface of door, and followed by rotating of wheels 8 in contact with door surface for opening door.

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