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(57) Abstract :

An automated waist-belt fastening device comprising of, a handheld body 1 configured with a first 2, second 3 and third portion 4, the first 2 portion includes a suction cup 5 manually attached to a button of bottom wear of a user, a set of motorized rollers 6 attached to second 3 and third portions 4 for dispensing one end of a waist-belt, multiple omnidirectional wheel 8 in connection with a suction unit 8 arranged on said second portion 3, the wheels 8 and suction unit 7 are activated in coordinated manner to facilitate movement of said waist-, an artificial intelligence based imaging unit 9 installed at second portion 3 for detecting location of loop present on bottom wear, a solid flap hinged to second portion 3 after contacting loop, flap is lifted for creating space such that waist-belt passes through loop covering waist of user. Ref. Figure 1

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