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(57) Abstract :

The present invention relates to an adaptable walking assistive device comprising an elongated body 1 having a first and second portion configured with a tripod arrangement 2 on first portion for providing a stable support to body 1 over a ground surface, an artificial intelligence based imaging unit 3 mounted on second portion for capturing and determining dimension of a user's body portion, multiple slidable channels 4 attached on second portion for expanding or contracting surface area of the channel 4 to provide comfort to the user while holding device, a flap 5 attached on first portion for enabling user to position feet on flap 5 in case the user is tired of walking, and multiple omnidirectional wheels 6 installed on the tripod arrangement 2 for providing movement to body 1 while receiving command from user by means of a microphone.

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