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Follow me travel bag (Article)

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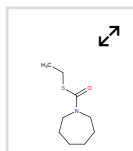
Abstract

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Follow Me Travel Bag is basically a smart bag to be used by travelers in away that provide them with additional features the normal travel bag does not. This bag will be empowered by a built-in tracking system that provide automatic self-control over the bag. It will integrate modern technology to provide easier usage of a travel bag, and enhance the security and movement issues. The main objective of this project is to ease the travel experience of individuals in handling their travel bags throughout their movement. This is accomplished by firstly making the bag following its owner without a need to drag it. Secondly, the bag will contain a location finder system to overcome the possibility of being lost, forgotten or stolen. This will solve the problem of losing the bag forever among with its contents which are valuable in much cases. This research is investigating the most suitable approach to achieve these targets though designing, controlling and testing of a smart programmable tracking system inserted in a travel bag. © BEIESP.

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Author keywords

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References (7)

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- 1 Markus, A. Sven, and Gross, User Recognition for Guiding and Following People With a Mobile Robot in Clinical Environment (2015) *2015 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, 62 (5), pp. 16-22.

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□ 2 Naigong, X.F.
People Tracking and Following Using Multiple RGB-D Cameras
(2013) *Proceeding of the 32Nd Chinse Control Conference*, 29 (12), pp. 546-550.

□ 3 Amruta, G., Kim, S.
Object Following control of six-legged Robot using Kinect Camera
(2014) *2014 International Conference on Advances in Computing Communications and Informatics (ICACCI)*, (18), pp. 341-346.

□ 4 Marković, I., Chaumette, F., Petrović, I.
Moving object detection, Tracking and following using an omnidirectional camera on a mobile robot

(2014) *Proceedings - IEEE International Conference on Robotics and Automation*, art. no. 6907687, pp. 5630-5635. Cited 31 times.
doi: 10.1109/ICRA.2014.6907687

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□ 5 Xing, G., Tian, S., Sun, H., Liu, W., Liu, H.
People-following system design for mobile robots using kinect sensor

(2013) *2013 25th Chinese Control and Decision Conference, CCDC 2013*, art. no. 6561495, pp. 3190-3194. Cited 17 times.
ISBN: 978-146735532-2
doi: 10.1109/CCDC.2013.6561495

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□ 6 Jerry, M.S., Vijay, M.M., Tulshiram, T.K.
Carousel security management and cargo deck tracking of passenger baggage using wireless technology

(2017) *IEEE Bombay Section Symposium 2016: Frontiers of Technology: Fuelling Prosperity of Planet and People, IBSS 2016*, art. no. 7940195.
ISBN: 978-150902730-9
doi: 10.1109/IBSS.2016.7940195

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□ 7 Balakrishna, D., Raghuram, A.
RFID Airport Luggage Checking and tracking System using GSM Technology
(2014) *International Journal of Scientific Engineering and Technology Research*, 3 (31), pp. 257-262. Cited 3 times.
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