

Invitation to tender for a license / purchase of rights to solution from Poznań University of Technology entitled:

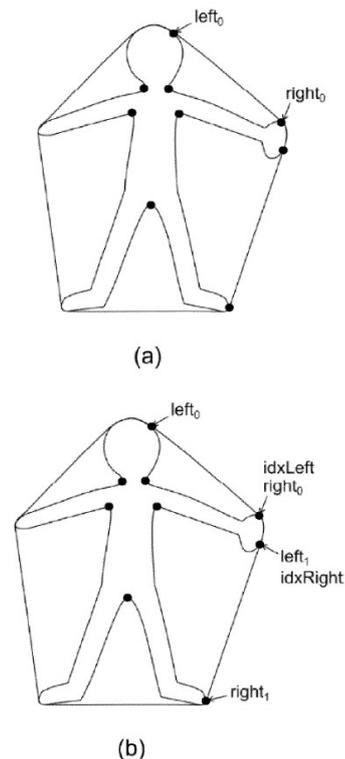
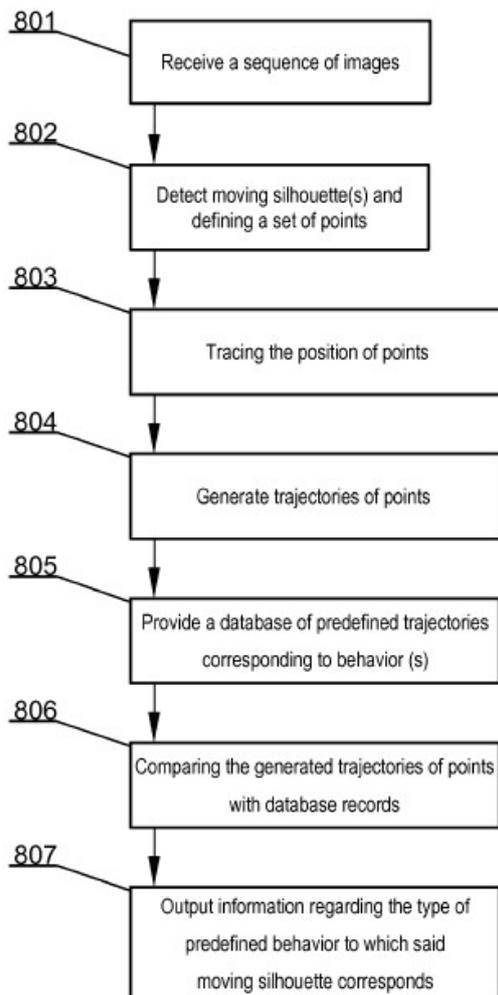
**A method and system for analyzing human behavior in an intelligent surveillance system**

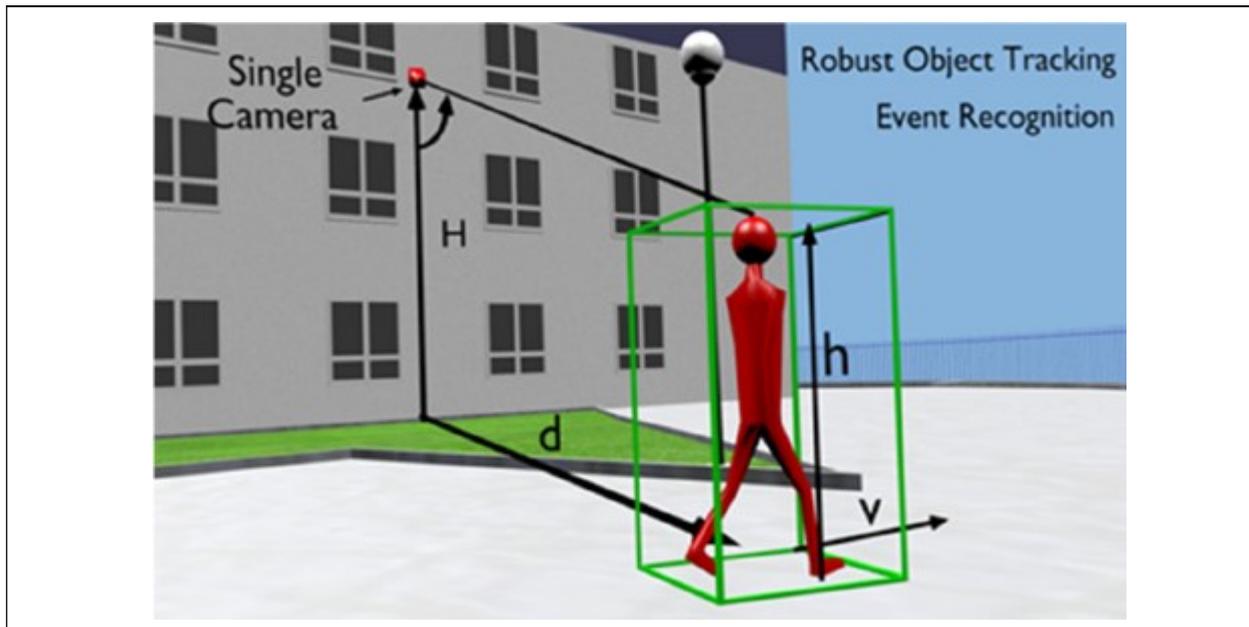
Type of solution

Invention

Idea of solution

The invention relates to a method of analyzing behavior in an intelligent monitoring system, which system is adapted to provide a series of consecutive images of the monitored space for consecutive time points (801), the method being characterized by the following steps: for each image in the series, a set of points defining at least one silhouette moving in the image (802); the position of the points in the point sets (803) in the successive images is followed to generate the trajectory of the points (804); providing a database of predefined behavior corresponding trajectories (805); comparing the generated trajectories with points for the moving silhouette with the records of the base (806); output is transmitted (807) relating to the type of predefined behavior to which the moving silhouette corresponds. The method for determining landmarks according to an exemplary embodiment of the invention is suitable for detecting behavior in which a person's limbs are widely spaced, for example while swinging an arm or calling for help.





**Solution advantages / Market advantage**

The invention is particularly useful for the automatic recognition of human behavior and may be used in intelligent monitoring systems, including systems having a single stationary camera.

**Clients**

Video surveillance, monitoring.

More information: <http://www.multimedia.edu.pl/projects/POIG132/Flyer-Sec.pdf>

**Technology Readiness Level (TRL)**

TRL 7 - system prototype demonstration in operational environment

**Status of legal protection**

Patent no. EP 2899706 validated: PL, DE, GB

<https://patents.google.com/patent/EP2899706B9/en?q=EP2899706>

Patent no. US 2015213308 (withdrawn)

<https://patents.google.com/patent/US20150213308A1/en?q=US2015213308>

Patent no. US 9413927 (active)

<https://patents.google.com/patent/US9413927B2/en?q=US+9413927>

**Preferred form of commercialization**

Non-exclusive license

Exclusive license

Sale of patent rights

Spin-off company

R&D and implementation projects

**Form of transfer of rights**

Patent documentation.

**Additional information**

1. This Invitation to submit offers does not constitute an offer within the meaning of the provisions of the Civil Code.

2. Poznan University of Technology will reject the offer if it contains an abnormally low price in relation to the value of the solution.
3. Poznan University of Technology, in order to determine whether the offer contains an abnormally low price in relation to the value of the solution, will ask the Tenderer to provide explanations within a specified time limit regarding the elements of the offer affecting the price.
4. If in the competition procedure it is not possible to select the best offer due to the fact that offers of the same price have been submitted, the Poznan University of Technology will call the Tenderers who submitted these offers to submit additional offers within the time limit specified by the Poznan University of Technology.
5. Poznan University of Technology reserves the right to cancel the competition procedure if the submitted offers contain prices whose value will not exceed the value of the solution.
6. Poznan University of Technology reserves the right to negotiate with selected Bidders.
7. Poznan University of Technology has the right to withdraw from the procedure without giving any reason, without choosing an offer.
8. The conclusion of the contract is conditional on the fulfillment of procedures provided for by legal regulations applicable to universities.

#### Method of submitting offers

Offers should be submitted in Polish, in writing to the address of the Technology Transfer Center of the Poznan University of Technology or electronically to the unit's e-mail address.

#### Contact details

Technology Transfer Centre of the Poznan University of Technology  
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