

ABSTRACT
**METHOD AND APPARATUS FOR PEOPLE FLOW ANALYSIS USING SIMILAR-
IMAGE SEARCH**

In example implementations described herein, person images obtained by object detection and tracking are stored in an image database. Then the system automatically samples a person image as a query of image search for past images. Filtering is performed on the search results to extract a person images having a similarity higher than certain threshold. Travel time is calculated by sorting information (camera identifier, time) attached to person images on a timeline, and the system detects gap between periods that the person appears in frame.

[Fig.6]