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]