# Patent Search

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| Invention Title | DEEP LEARNING-BASED APPROACHES FOR SUSPICIOUS ACTIVITY RECOGNITION BY PATTERNS OF WALKING BEHAVIOR |
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**Abstract:**

DEEP LEARNING-BASED APPROACHES FOR SUSPICIOUS ACTIVITY RECOGNITION BY PATTERNS OF WALKING BEHAVIOR A method for the description of movement tra and systems. A system described in one example consists of at least one sensor that can provide at least one sensing information (SI), a memory, a processor connec memory and the at least one sensor, and a set of instructions that are stored in the memory. The set of instructions causes the processor to: obtain at least one time (TSSI) from the at least one sensor, analyze the at least one TSSI, track a movement of an object in a venue based on the at least one TSSI, compute an incremental di associated with the movement of the object in a first incremental time period based on the at least one TSSI, and perform the following operations: a template-basec for movement-based human aberrant behavior diagnosis that primarily involves the processes of behavior characteristic extraction and video picture gathering. FIG.

Complete Specification

Description:DEEP LEARNING-BASED APPROACHES FOR SUSPICIOUS ACTIVITY RECOGNITION BY PATTERNS OF WALKING BEHAVIOR

Technical Field

[0001] The embodiments herein generally relate to a deep learning-based approaches for suspicious activity recognition by patterns of walking behavior.

Description of the Related Art

[0002] The method of Motion measurements has been widely employed in robotics, drones, automobiles, unmanned vehicles, numerous consumer gadgets, and much everything that moves. They are crucial inputs for a variety of applications, including robot navigation, indoor tracking, mobile gaming, etc. Inertial measurem units (IUs) have been used in contemporary technologies for motion tracking. The IMU market has been driven by the growth in demand for precise and reliable mo tracking as well as a rise in the manufacture of smart devices. Numerous systems and applications will be significantly impacted by an upgrade to motion measurer Monitoring has become more and more extensively used as society has become more aware of the issue of public safety. The fundamental difficulty with the curre supervisory system is that it is difficult to manage the high volume of monitor messages in a timely and effective manner. This has made the detection of computer assisted human behavior and incidents a hot topic in the computer vision sector.

[0003] The study of personal monitoring tools, techniques, and systems. The Related Art's Description The history of this innovation involves an examination of th human body. Although there are many different kinds of human-worn sensors for fitness tracking, health monitoring, and other uses, previous art systems usually employed a few sensors. A few of these different prior art innovations or fixes also gathered information from various sensors. Some offered different message kin frequently depending on a single sensor and threshold values

View Application Status