METHOD, APPARATUS AND SYSTEM FOR IDENTIFYING TASK FROM VIDEO FRAMES

ABSTRACT

The present disclosure provides a method, an apparatus and a system for identifying a task performed by a person from a series of video frames. The method comprises: determining, by a processor, whether each of a first sequence of movement points and a second sequence of movement points comprise a first movement point at a first ordinal number and a second movement point at a second ordinal number within the each of the first sequence of movement points and the second sequence of movement points, wherein the first sequence of movement points and the second sequence of movement points comprise a first plurality of movement points and a second plurality of movement points of one or more body parts of the person ordered according to respective time points at which the first plurality of movement points and the second plurality of movement points are detected from a first series of video frames and a second series of video frames corresponding to a detection area, respectively, in response to a result of the determination, identifying, by the processor, a start and an end of a sequence of movement points to perform the task by the person from the first sequence of movement points and/or the second sequence of movement points based on the first movement point and the second movement point.

[Figure 6]