

METHOD AND SYSTEM FOR THE AUTOMATIC IDENTIFICATION OF FUZZY COPIES OF VIDEO CONTENT

ABSTRACT

A method to automatically identify fuzzy video content copies, which is performed on a computer device that has access to a previously generated database of original video content; such method comprising: receiving identifiers for video content; extracting each Nth frame from the video stream of received video content to obtain a sequence of frames, where $N > 1$; identifying the sequence of scenes by comparing at least fragments of adjacent frames from the obtained sequence of frames; creating a vector of the sequence of scenes of the received video content; comparing this vector with the vector of the sequence of scenes of at least one template of original video content from a previously generated database of original video content; identifying a fuzzy copy of original video content when the sequence of scenes of original video content and scenes of received video content coincide to an extent that exceeds a predefined threshold.

Fig. 3