

VIDEO MATCHING METHODS AND APPARATUSES, AND BLOCKCHAIN-BASED INFRINGEMENT EVIDENCE STORAGE METHODS AND APPARATUSES

ABSTRACT

The present specification discloses video matching methods and blockchain-based infringement evidence storage methods and apparatuses. The blockchain-based infringement evidence storage method includes: obtaining a plurality of feature vectors of a target video; retrieving a candidate video similar to the target video from a video database based on the plurality of feature vectors of the target video; constructing a time domain similarity matrix feature map between the target video and the candidate video based on the target video and the candidate video; using the time domain similarity matrix feature map as an input into a deep learning detection model, to output a video segment matching the target video in the candidate video and a corresponding similarity; and uploading infringement evidence including an abstract of the target video, the video segment matching the target video in the candidate video, and the corresponding similarity to a blockchain when the similarity is greater than or equal to a predetermined similarity threshold.

(Fig. 1)