

Title (en)

SYSTEMS AND METHODS FOR STREAMING AND ARCHIVING VIDEO WITH GEOGRAPHIC ANCHORING OF FRAME CONTENTS

Title (de)

SYSTEME UND VERFAHREN ZUM STREAMING UND ARCHIVIEREN VON VIDEO MIT GEOGRAFISCHER VERANKERUNG DER RAHMENINHALTE

Title (fr)

SYSTÈMES ET PROCÉDÉS DE LECTURE EN CONTINU ET D'ARCHIVAGE DE VIDÉO AVEC ANCRAGE GÉOGRAPHIQUE DE CONTENUS DE TRAME

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Application

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Abstract (en)

[origin: WO2010146522A2] A system and method for generating compressed video with geographically-anchored-video functionality includes processing frames from a source video sequence by matching image content of the frames to image data from a geographic database to derive the geographic locations of pixels within at least part of the frames. The source video sequence is then compressed by a lossy video compression technique to generate a compressed video sequence, and the compressed video sequence is encoded together with data indicative of the geographic locations of pixels as a composite data stream. Also disclosed are methods for selective video archiving and retrieval based on the geographical footprint of the image content.

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