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- (54) **LOCATION-BASED FRAME SKIPPING**

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(57) **ABSTRACT**  

The techniques described herein implement an automated frame skipping approach used to generate a reduced set of frames for processing. In one example, the automated frame skipping approach is used to more efficiently generate a stitched map of a geographical area being surveilled by an aerial vehicle, such as an unmanned aerial vehicle (UAV). A stitched map is an image mosaic that is created using the reduced set of frames such that the geographical area being surveilled by the aerial vehicle is accurately depicted.

