

Abstract

METHOD FOR DETECTING CAMERA-MOTION INDUCED
SCENE CHANGES

A method (250) for determining camera-induced scene changes in a
5 sequence of visual information-bearing frames which constitute a single shot first
determines (400) camera-induced motion between each of a plurality of pairs frames
within a single camera shot. The camera-induced motion for each of the pairs of
frames is decomposed (410) into at least a first component (420,430,440). The
values of the first component for each of the pairs of frames are summed to form a
10 first cumulative signal. A scene change is indicated when the first cumulative signal
meets a certain decision criteria.

This Sheet Has Been Replaced

