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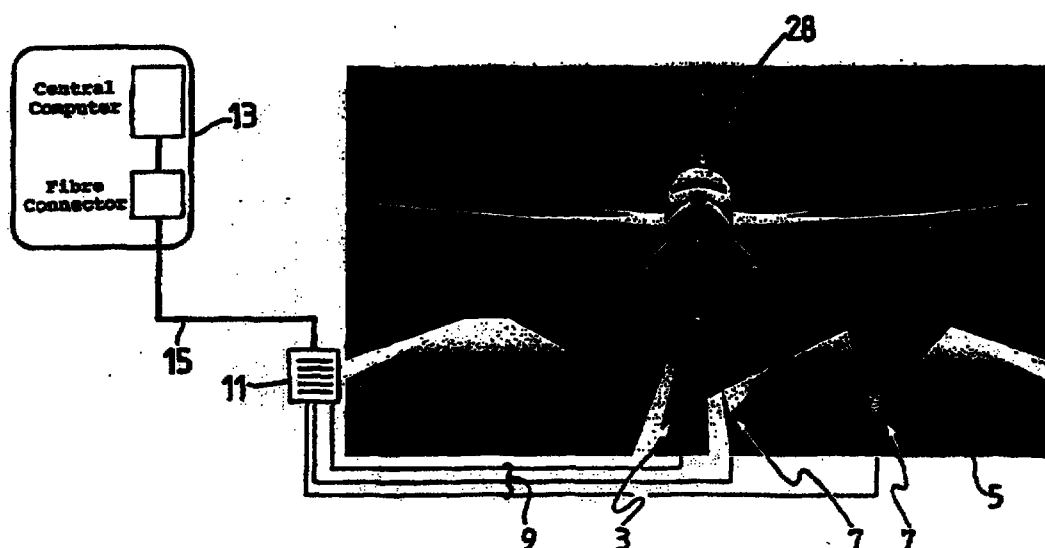
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(54) Title: AN AIRCRAFT DETECTION SYSTEM



(57) Abstract

An object detection system including passive sensors (3) for receiving electromagnetic radiation from a moving object (28) and generating intensity signals representative of the received radiation, and a processing system for subtracting the intensity signals to obtain a differential signature representative of the position of the moving object. An image acquisition system including at least one camera (7) for acquiring an image of at least part of a moving object, in response to a trigger signal, and an analysis system for processing the image to locate a region in the image including markings identifying the object and processing the region to extract the markings for optical recognition.