

**METHOD OF DETECTING DEFECTS IN AN OBJECT BASED ON ACTIVE
THERMOGRAPHY AND A SYSTEM THEREOF**

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ABSTRACT

There is provided a method of detecting defects in an object based on active thermography, the method including heating a surface of the object at a plurality of localized regions thereof, selecting at least one of the localized regions as a reference region, selecting at least another one of the localized regions as a comparison region, comparing a thermal response at the comparison region to a thermal response at the reference region due to the heating, and determining whether the object has a defect based on the comparison. There is also provided a corresponding system for detecting defects in an object.

FIG. 3