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(54) **Title**: AN INSPECTION DEVICE

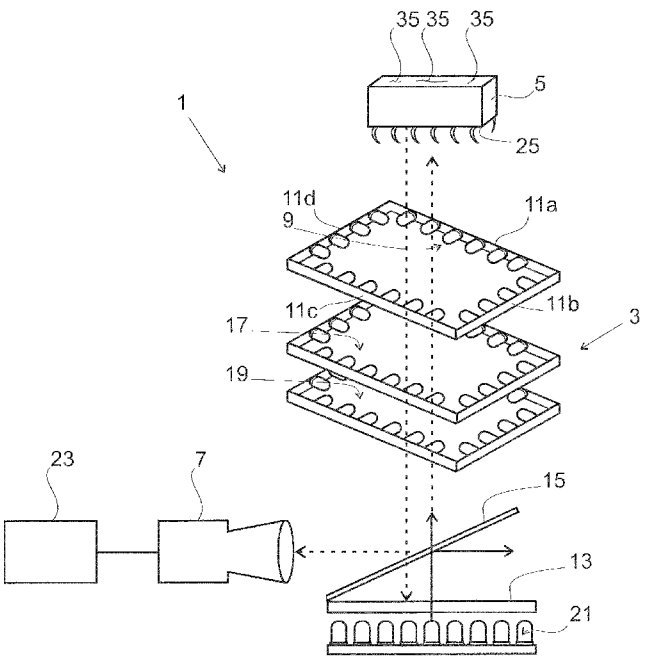


Fig. 1

(57) **Abstract**: According to the present invention there is provided an inspection device (1), suitable for use when inspecting a component (5) for defects (35), the inspection device (1) comprising, a cluster of lights (9, 17, 19, 21) which are arranged into two or more groups (11a, lib, 11c, lid) of lights, wherein the cluster of lights is configured such that each group (11a, lib, 11c, lid) of lights can be operated asynchronously to the other group (s) of lights so that light can be directed asynchronously at a component (5), from different directions; an image capturing means (camera 7) which is configured to capture an image of a component (5) when each of the groups of lights are lit, to provide a plurality of images, each image showing the component (5) lit from a different direction; a processing means (23) configured to perform arithmetic computation using the images, so as to provide a single image in which defects in the component can be more easily identified. There is further provided a corresponding method of inspecting a component and a lighting arrangement with a dome and a diffuser.

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