ABSTRACT

COPLANARITY INSPECTION AT THE SINGULATION PROCESS

In accordance with the objectives of the invention a new method and apparatus is provide for assuring contact balls coplanarity. The process and apparatus for coplanarity inspection is integrated with the current processing step of BGA device singulation and pick-and-place, thereby eliminating the need for a separate processing step that is typically required for the coplanarity inspection.

FIGURE 3 IS SUGGESTED FOR PUBLICATION