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Koonankeil et al.

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(54) **NON-DESTRUCTIVE INSPECTION OF AN ARTICLE USING CROSS-SECTIONS THROUGH INTERNAL FEATURE**

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CPC ***G01N 23/046*** (2013.01); *G01N 2223/63* (2013.01)

(58) **Field of Classification Search**
CPC G01N 23/046; G01N 2223/63
USPC 378/20, 53–55, 57–59
See application file for complete search history.

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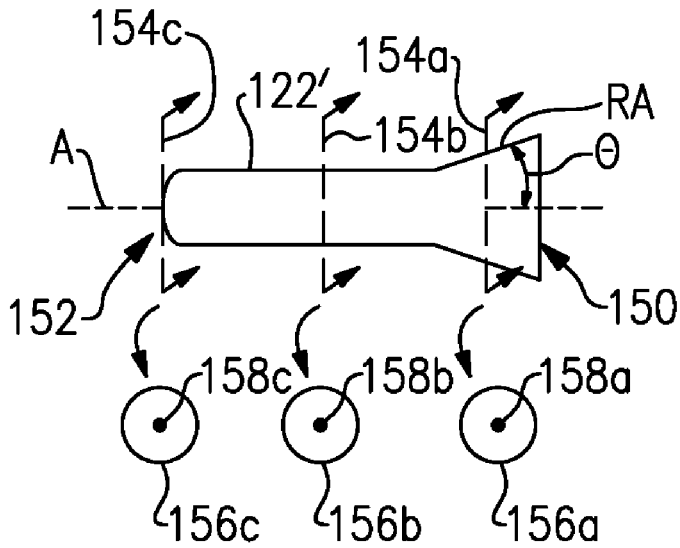
(57) **ABSTRACT**

A method of non-destructively inspecting an article includes scanning an article to produce a computerized three-dimensional representation of an internal feature of the article. A measurement characteristic of the internal feature is then generated from a plurality of cross-sections through the computerized three-dimensional representation of the internal feature. The measurement characteristic is then used to determine whether the internal feature meets a design criterion.

14 Claims, 1 Drawing Sheet