

United States Patent

Porta et al.

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- [54] **METAL VAPOR GENERATORS**
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[57] **ABSTRACT**

A metal vapor generator comprising: a hollow tube containing a metal vapor releasing substance, the tube having an opening to permit escape of the metal vapor; a terminal having a cross section of the same size and geometric shape as the cross section of the tube; and a retainer holding the end of the terminal against the end of the tube; whereby the metal vapor releasing substance is held within the tube. The generator can optionally have a flexible member for temperature compensation. These generators are useful for releasing metals such as cesium in tubes such as image intensifiers.

- [56] **References Cited**
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19 Claims, 3 Drawing Figures

