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(54) Title: ELECTRON MULTIPLIER HAVING IMPROVED VOLTAGE STABILISATION

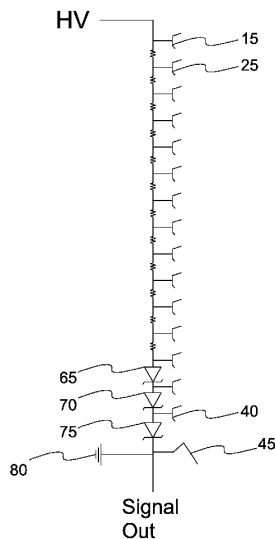


FIG. 2

(57) Abstract: The present invention relates to electron multipliers as used in ion detection apparatus such as mass spectrometers. The multiplier comprises a voltage stabilizing component or system, and is configured to reduce a negative effect of voltage fluctuations within and/or electromagnetic radiation emitted by the voltage stabilizing component or system during operation on an output signal of the electron multiplier. The multiplier may be configured so as to decouple the voltage fluctuations within and/or the electromagnetic radiation emitted by the voltage stabilizing component or system from its output signal.



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