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(54) Title: REGULATING LUMINOUS GAIN OF IMAGE INTENSIFIER

(57) Abstract: A control circuit and method 200 may be provided for regulating a luminous gain of an image intensifier. The control circuit and method may perform automatic brightness control by regulating (240) a luminous gain of the image intensifier to maintain an output brightness at or below a desired maximum output brightness level. When a sudden increase in the scene brightness causes the output brightness to exceed the desired maximum output brightness level, the control circuit and method may deactivate (250) the photocathode and interrupt the automatic brightness control, reduce (260) the luminous gain of the image intensifier in accordance with a first gain reduction parameter and after reducing the luminous gain, reactivate (270) the photocathode and resume the automatic brightness control.

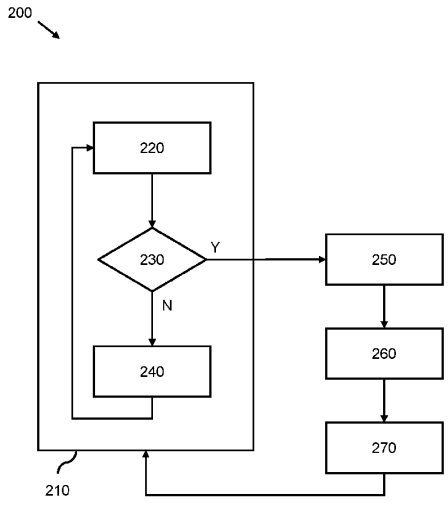


Fig. 3

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