

Title (en)

Device and method for controlling a dose of electrons emitted from a microemitter

Title (de)

Vorrichtung und Verfahren zur Steuerung einer Dosis von von einem Mikroemitter emittierten Elektronen

Title (fr)

Dispositif et procédé de commande et de contrôle d'une dose d'électrons émise par un micro-émetteur

Publication

**EP 1473755 B1 20110831 (FR)**

Application

**EP 04101249 A 20040325**

Priority

FR 0350071 A 20030327

Abstract (en)

[origin: EP1473755A2] The device has a comparator module (31) providing an output signal based on an output signal of a sensor module (30) and a threshold voltage. Logic module (32) provides a logical signal based on the signal of the module (31) and a starting signal. A control module (33) receives an output signal from the module (32) and elaborates a voltage necessary for initialization and extinction of current impulse of a micropoint (10). The threshold voltage allows to adjust quantity of electrons emitted by the micropoint. The logic signal provided by the logical module (32) defines whether the micropoint (10) must emit or must not emit the electrons. An independent claim is also included for a method of controlling amount of electrons emitted by micropoint.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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**EP 1473755 A2 20041103**; **EP 1473755 A3 20081112**; **EP 1473755 B1 20110831**; FR 2853133 A1 20041001; FR 2853133 B1 20050429; JP 2004295124 A 20041021; US 2004222391 A1 20041111; US 7088048 B2 20060808

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