

Title (en)

Electron-emitting device, electron source, and manufacture method for image-forming apparatus

Title (de)

Elektronen emittierende Einrichtung, Elektronenquelle und Verfahren zur Herstellung eines Bilderzeugungsgerätes

Title (fr)

Dispositif émetteur d'électrons, source d'électrons et procédé de fabrication d'un appareil de formation d'images

Publication

EP 1032012 A2 20000830 (EN)

Application

EP 00301465 A 20000224

Priority

- JP 4921899 A 19990225
- JP 5149799 A 19990226

Abstract (en)

A method of manufacturing an electron-emitting device has a step of forming a pair of conductors on a substrate, the conductors being spaced from each other, and an activation process of depositing carbon or carbon compound on at least one side of the pair of conductors in an atmosphere of carbon compound gas. The activation process includes a plurality of processes of two or more stages including a first process and a second process. The first process is executed in an atmosphere of the carbon compound gas having a partial pressure higher than a partial of the second process used as a last activation process. <IMAGE>

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H01J 9/02

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