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(11)

**EP 1 032 012 A3**

(12)

**EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**23.01.2002 Bulletin 2002/04**

(51) Int Cl.7: **H01J 9/02**

(43) Date of publication A2:  
**30.08.2000 Bulletin 2000/35**

(21) Application number: **00301465.1**

(22) Date of filing: **24.02.2000**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE**  
Designated Extension States:  
**AL LT LV MK RO SI**

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(30) Priority: **25.02.1999 JP 4921899**  
**26.02.1999 JP 5149799**

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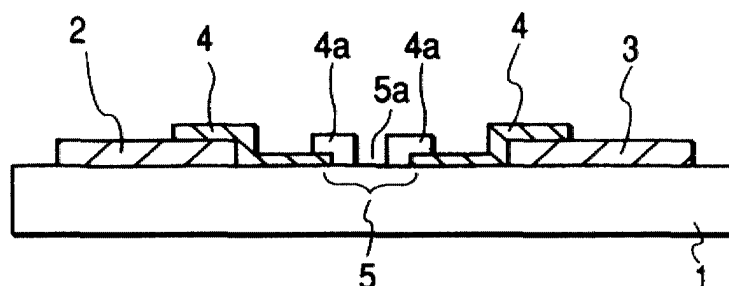
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(54) **Electron-emitting device, electron source, and manufacture method for image-forming apparatus**

(57) 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.

**FIG. 1B**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 30 1465

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|   |  |                                  | H01J   |
| Place of search   |  | Date of completion of the search | Examiner                                     |
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EPO FORM 1503 03/82 (P04C01)

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