

Title (en)  
Lighting device

Title (de)  
Beleuchtungseinrichtung

Title (fr)  
Dispositif d'éclairage

Publication  
**EP 1691397 A1 20060816 (EN)**

Application  
**EP 05003052 A 20050214**

Priority  
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Abstract (en)  
A carbon fiber mixed paper (8) obtained by mixing a fiber blend (7), which is obtained by knitting a carbon fiber and a glass fiber, into a paper material is used as the material for an anode opposite to an electron emission cathode. A phosphor is applied onto this carbon fiber mixed paper (8), and further, an electrode (9) is provided. The present invention reduces heat generation at the anode as much as possible and enables uniform illumination without providing a diffuser. Moreover, the present invention does not require an electrode made of a transparent conductive film.

IPC 8 full level  
**H01J 63/06** (2006.01)

CPC (source: EP)  
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Citation (search report)

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- [YA] PATENT ABSTRACTS OF JAPAN vol. 009, no. 118 (E - 316) 23 May 1985 (1985-05-23)
- [YA] PATENT ABSTRACTS OF JAPAN vol. 010, no. 065 (E - 388) 14 March 1986 (1986-03-14)
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 259 (E - 773) 15 June 1989 (1989-06-15)

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