

Title (en)
Lighting device

Title (de)
Beleuchtungseinrichtung

Title (fr)
Dispositif d'éclairage

Publication
EP 1691397 A1 20060816 (EN)

Application
EP 05003052 A 20050214

Priority
EP 05003052 A 20050214

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)
H01J 63/06 (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 259 (E - 773) 15 June 1989 (1989-06-15)

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 1691397 A1 20060816

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