

Title (en)  
FLUORESCENT LAMP

Title (de)  
LEUCHTSTOFFLAMPE

Title (fr)  
LAMPE FLUORESCENTE

Publication  
**EP 0845154 B1 19991110 (EN)**

Application  
**EP 96931379 A 19960812**

Priority  
• US 9613091 W 19960812  
• US 226295 P 19950814

Abstract (en)  
[origin: WO9707531A1] A lighting apparatus including a fibrous cold cathode field emitter wherein fibers of said cold cathode have a diameter of less than about 100 microns, an anode for attraction of electrons emitted by the fibrous cold cathode field emitter, a phosphor capable upon contact with emitted electrons from the cold cathode field emitter of generating a persistent light, and an evacuated enclosure of less than about 10<-5> Torr containing within the enclosure the cold cathode field emitter, the anode and the phosphor is provided.

IPC 1-7  
**H01J 63/06**

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

CPC (source: EP KR)  
**H01J 63/06** (2013.01 - EP KR)

Cited by  
US6573643B1; US7638935B2

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**WO 9707531 A1 19970227**; AU 696412 B2 19980910; AU 7007596 A 19970312; CA 2229067 A1 19970227; CN 1199503 A 19981118; DE 69605118 D1 19991216; DE 69605118 T2 20000525; EP 0845154 A1 19980603; EP 0845154 B1 19991110; JP H11510951 A 19990921; KR 100397720 B1 20060316; KR 19990028976 A 19990415

DOCDB simple family (application)  
**US 9613091 W 19960812**; AU 7007596 A 19960812; CA 2229067 A 19960812; CN 96197582 A 19960812; DE 69605118 T 19960812; EP 96931379 A 19960812; JP 50940997 A 19960812; KR 19980700278 A 19980114