

Title (en)  
Light emitting device

Title (de)  
Lichterzeugendes element

Title (fr)  
Élément générateur de lumière

Publication  
**EP 1403897 A2 20040331 (EN)**

Application  
**EP 03256144 A 20030930**

Priority  
• JP 2002286207 A 20020930  
• JP 2003300260 A 20030825

Abstract (en)  
The device has two electrodes (16, 20) and a fluorescent body (28) disposed in contact with a substance (14), which serves as an emitter. A polarization of a portion of the substance is reversed or changed to emit electrons from a portion of the electrode (16), when a drive voltage (Va) is applied between the electrodes. The electrons are impinged upon the fluorescent body to emit light.

IPC 1-7  
**H01J 1/304**; **H01J 1/53**

IPC 8 full level  
**H01J 1/304** (2006.01); **H01J 1/312** (2006.01); **H01J 1/53** (2006.01); **H01J 1/62** (2006.01); **H01J 63/06** (2006.01)

CPC (source: EP)  
**H01J 1/304** (2013.01); **H01J 1/53** (2013.01); **H01J 2329/00** (2013.01)

Cited by  
EP1630842A3; US7511409B2; US7276462B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1403897 A2 20040331**; JP 2004146365 A 20040520

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