

Title (en)  
High-power radiation device.

Title (de)  
Hochleistungsstrahler.

Title (fr)  
Dispositif de radiation à haute puissance.

Publication  
**EP 0385205 B1 19931201 (DE)**

Application  
**EP 90103082 A 19900217**

Priority  
CH 72089 A 19890227

Abstract (en)  
[origin: EP0385205A1] In order to increase the yield in UV high-power cylindrical emitters, the inner dielectrics (3) are very small in comparison with the outer dielectric tube. As a result of the eccentric arrangement of the dielectrics and the outer electrodes (2) only on the surface adjacent to the inner dielectric (3), and the simultaneous design of the outer electrode (7) as a reflector, a preferred direction of the emitted radiation is achieved.  
<IMAGE>

IPC 1-7  
**H01J 65/04**

IPC 8 full level  
**H01J 65/00** (2006.01); **H01J 65/04** (2006.01)

CPC (source: EP US)  
**H01J 65/046** (2013.01 - EP US)

Cited by  
DE4235743A1; EP0517929A1; US6076594A; EP0497360A3; DE4430300C1; EP0521553A3; EP0482230A1; US5283498A; JPH081671U; EP0458140A1; CH680099A5; US5214344A; DE4140497A1; EP0547366A1; US5386170A; DE19844921A1; EP0754400A4; EP0489184A1; US5198717A; US9718705B2; WO2014060592A1; EP1519407A2

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0385205 A1 19900905; EP 0385205 B1 19931201**; AT E98050 T1 19931215; CH 677292 A5 19910430; DE 59003641 D1 19940113; JP 2823637 B2 19981111; JP H03201358 A 19910903; US 5013959 A 19910507

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**EP 90103082 A 19900217**; AT 90103082 T 19900217; CH 72089 A 19890227; DE 59003641 T 19900217; JP 4468790 A 19900227; US 48554490 A 19900227