

Title (en)  
DOUBLE-ENVELOPED LAMP

Publication  
**EP 0104594 B1 19890125 (EN)**

Application  
**EP 83109346 A 19830920**

Priority  
US 42231282 A 19820923

Abstract (en)  
[origin: EP0104594A2] A light-source containment device and lamp employing such device; a metal halide arc discharge lamp having a light-transmissive shield enclosing the arc tube and a wire mesh surrounding the shield. In the event the arc tube bursts causing shattering of the shield, the wire mesh substantially restricts shards of the shield and arc tube from shattering the outer envelope of the lamp thereby providing improved safety characteristics of the lamp. A similar containment device encloses the light-source capsule and protects against lamp-containment failures in tungsten halogen lamps.

IPC 1-7  
**H01J 61/50**

IPC 8 full level  
**H01J 61/50** (2006.01)

CPC (source: EP)  
**H01J 61/34** (2013.01); **H01J 61/50** (2013.01)

Citation (examination)  
FR 852426 A 19400201 - PHILIPS NV

Cited by  
EP0238200A3; EP0306269A3; EP0361530A3; US8786187B2; US6995513B2; WO2012065870A1; WO9210848A1

Designated contracting state (EPC)  
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**EP 0104594 A2 19840404; EP 0104594 A3 19841107; EP 0104594 B1 19890125**; AU 1950783 A 19840329; AU 570012 B2 19880303; CA 1237111 A 19880524; DE 3379089 D1 19890302

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