

Title (en)  
LIGHTING DISCHARGE LAMP

Publication  
**EP 0377899 A3 19910515 (EN)**

Application  
**EP 89124095 A 19891228**

Priority  
JP 367089 A 19890112

Abstract (en)  
[origin: EP0377899A2] A lighting discharge lamp includes a light-emitting tube in which a halogen and lutetium are sealed together with mercury and a rare gas. The sealed amount of lutetium falls in a range of from  $2 \times 10^{-7}$  mol/cc to  $2 \times 10^{-5}$  mol/cc. The premature clouding of the light-emitting tube can be avoided to enhance its luminous flux utilization and the variations of its color temperature depending on those of supply power for operation can be reduced to a small extent.

IPC 1-7  
**H01J 61/12**; **H01J 61/86**

IPC 8 full level  
**H01J 61/20** (2006.01); **H01J 61/12** (2006.01); **H01J 61/86** (2006.01)

CPC (source: EP)  
**H01J 61/12** (2013.01); **H01J 61/86** (2013.01)

Citation (search report)

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- [A] GB 2053562 A 19810204 - NARVA VEB
- [E] EP 0389907 A2 19901003 - USHIO ELECTRIC INC [JP]

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Designated contracting state (EPC)  
DE GB NL

DOCDB simple family (publication)  
**EP 0377899 A2 19900718**; **EP 0377899 A3 19910515**; JP H02186552 A 19900720

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