

Title (en)  
METAL VAPOR DISCHARGE LAMP

Publication  
**EP 0451997 A3 19920812 (EN)**

Application  
**EP 91302736 A 19910328**

Priority  
JP 8648790 A 19900331

Abstract (en)  
[origin: EP0451997A2] A metal vapor discharge lamp including a hermetically sealed bent-shape bulb (16) made of translucent ceramic material, a pair of electrodes (20, 20) mounted in the bulb (16) through both ends of the bulb (16) end metal vapor filled in the bulb, wherein the bulb (16) has a wall load  $A \text{ W/cm}^2$  and an inner bulb diameter  $D_i \text{ mm}$  which satisfy the following two relations;  $\langle \text{MATH} \rangle \langle \text{MATH} \rangle \langle \text{IMAGE} \rangle$

IPC 1-7  
**H01J 61/82**; **H01J 61/30**

IPC 8 full level  
**H01J 61/88** (2006.01); **H01J 61/30** (2006.01); **H01J 61/32** (2006.01); **H01J 61/74** (2006.01); **H01J 61/82** (2006.01)

CPC (source: EP)  
**H01J 61/30** (2013.01); **H01J 61/74** (2013.01); **H01J 61/825** (2013.01)

Citation (search report)

- [XP] EP 0415398 A2 19910306 - TOSHIBA LIGHTING & TECHNOLOGY [JP]
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 258 (E-211)[1403] 17 November 1983 & JP-A-58 145 054 (MITSUBISHI DENKI K.K.) 29 August 1983
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 111 (E-175)[1256] 14 May 1983 & JP-A-58 032 350 (HITACHI SEISAKUSHO K.K.) 25 February 1983

Cited by  
US6437064B1; US8253335B2; WO2006104624A1; WO2011152976A1

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DE GB

DOCDB simple family (publication)  
**EP 0451997 A2 19911016**; **EP 0451997 A3 19920812**; JP H03285254 A 19911216

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