

Title (en)

Unsaturated vapor pressure type high pressure sodium lamp.

Title (de)

Ungesättigte Hochdrucknatriumdampflampe.

Title (fr)

Lampe à vapeur de sodium à haute pression non saturée.

Publication

**EP 0123397 A1 19841031 (EN)**

Application

**EP 84301612 A 19840309**

Priority

US 47389583 A 19830310

Abstract (en)

An unsaturated vapor pressure high pressure sodium lamp includes an arc tube (17) positioned within an evacuated glass envelope (3) and containing a gas fill including mercury and sodium and a getter having a free energy of formation per mole of oxygen more negative than that of sodium oxide.

IPC 1-7

**H01J 61/26**; **H01J 61/22**

IPC 8 full level

**H01J 61/26** (2006.01); **H01J 61/82** (2006.01)

CPC (source: EP)

**H01J 61/26** (2013.01); **H01J 61/825** (2013.01)

Citation (search report)

- [A] US 3805105 A 19740416 - GUNGLER W
- [A] GB 1580991 A 19801210 - EGYESUELT IZZOLAMPA
- [A] DE 2645930 A1 19770526 - GEN ELECTRIC
- [A] PATENT ABSTRACT OF JAPAN, unexamined applications, M section, vol. 3, no. 12, January 31, 1979 THE PATENT OFFICE JAPANESE GOVERNMENT page 16 M 47 & JP-A-53-135 187 (hitachi)

Cited by

EP0328209A1; US4755721A; EP0282657A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

**EP 0123397 A1 19841031**; **EP 0123397 B1 19881228**; AU 2547884 A 19840913; AU 578603 B2 19881103; CA 1222273 A 19870526; DE 3475855 D1 19890202; JP S59169050 A 19840922

DOCDB simple family (application)

**EP 84301612 A 19840309**; AU 2547884 A 19840309; CA 448953 A 19840306; DE 3475855 T 19840309; JP 4415684 A 19840309