

Title (en)

REVERSE PIN ULTRAVIOLET GERMICIDAL LAMP SYSTEM

Title (de)

GEGENPOLIGES, ULTRAVIOLETTES, KEIMTÖTENDES LAMPENSYSYSTEM

Title (fr)

SYSTEME DE LAMPE DE STERILISATION AUX UV A PLOTS DE CONTACT INVERSES

Publication

EP 1851782 A4 20100317 (EN)

Application

EP 06735655 A 20060222

Priority

- US 2006006087 W 20060222
- US 6298805 A 20050222
- US 35879906 A 20060221

Abstract (en)

[origin: WO2006091586A2] An ultraviolet gas discharge lamp having contact pins extending from a base cap toward an opposing end in reverse pin fashion. The lamp is placed within a conduit or duct for disinfecting air or water flowing within the conduit. The reverse contact pins that extend toward the opposing end mate with contact holes in a socket attached to the conduit through which the lamp is inserted. The lamp is only energized when the lamp is fully inserted into the duct and is de-energized upon removing the lamp from the duct. A shroud may protect the pins. A window may be incorporated in the base cap so as to visually confirm that the lamp is energized and radiating. A key and mating receiver may be used on the base cap and the socket so as to prevent accidental insertion of an inappropriate lamp. A locking latch may also be included.

IPC 8 full level

H01J 5/48 (2006.01); **H01J 5/50** (2006.01)

CPC (source: EP)

A61L 9/20 (2013.01); **B01D 53/007** (2013.01); **C02F 1/325** (2013.01); **H01J 5/54** (2013.01); **H01J 5/62** (2013.01); **B01D 2257/91** (2013.01); **B01D 2259/804** (2013.01); **C02F 2201/004** (2013.01); **C02F 2201/3228** (2013.01); **H01J 61/70** (2013.01)

Citation (search report)

- [XII] WO 0130399 A2 20010503 - ULTRA VIOLET DEVICES INC [US], et al
- [XII] US 5894130 A 19990413 - BACH STANLEY W [US]
- [A] GB 533118 A 19410206 - BRITISH THOMSON HOUSTON CO LTD, et al
- [A] US 5166527 A 19921124 - SOLYMAR GEORGE [US]
- See references of WO 2006091586A2

Citation (examination)

US 5422487 A 19950606 - SAUSKA CHRISTIAN [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006091586 A2 20060831; **WO 2006091586 A3 20090416**; EP 1851782 A2 20071107; EP 1851782 A4 20100317

DOCDB simple family (application)

US 2006006087 W 20060222; EP 06735655 A 20060222