

Title (en)  
Single ended high-pressure discharge lamp

Title (de)  
Einseitig gesockelte Hochdruckentladungslampe

Title (fr)  
Lampe à décharge à haute pression à culot unique

Publication  
**EP 1684005 A1 20060726 (DE)**

Application  
**EP 05025755 A 20051125**

Priority  
DE 102004058750 A 20041206

Abstract (en)  
The contour (35) of a reflector (2) has a first zone which reflects back at least 90 percent of light incident on it at positive angles in relation to a lamp axis, and a second zone which reflects back at least 90 percent of light incident on it at negative angles in relation to the lamp axis. An inner discharge vessel (7) contains a metal halide filling. The lamp (1) has a specified average color temperature.

IPC 8 full level  
**F21V 7/09** (2006.01); **H01J 61/02** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)  
**F21V 7/09** (2013.01 - EP US); **H01J 61/34** (2013.01 - EP US)

Citation (applicant)  
• EP 1109199 A2 20010620 - GEN ELECTRIC [US]  
• DE 3808086 A1 19890928 - HELLA KG HUECK & CO [DE]  
• EP 0282100 A1 19880914 - EASTMAN KODAK CO [US], et al

Citation (search report)  
• [Y] DE 10020348 A1 20011108 - KANO TETSUHIRO [DE]  
• [Y] EP 0917180 A1 19990519 - MATSUSHITA ELECTRONICS CORP [JP]  
• [Y] EP 0881425 A2 19981202 - BARTENBACH CHRISTIAN [AT]  
• [A] US 5725298 A 19980310 - KALZE FRANZ-JOSEF [DE], 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)  
**DE 102004058750 A1 20060608**; CA 2529114 A1 20060606; CN 1800706 A 20060712; CN 1800706 B 20100616; EP 1684005 A1 20060726; JP 2006164983 A 20060622; JP 4787610 B2 20111005; US 2006119245 A1 20060608; US 7180229 B2 20070220

DOCDB simple family (application)  
**DE 102004058750 A 20041206**; CA 2529114 A 20051205; CN 200510136378 A 20051206; EP 05025755 A 20051125; JP 2005352514 A 20051206; US 28944505 A 20051130