

Title (en)
COLD CATHODE FLUORESCENT LAMP

Title (de)
KALTKATHODEN-FLUORESZENZLAMPE

Title (fr)
TUBE FLUORESCENT À CATHODE FROIDE

Publication
EP 1812951 A1 20070801 (DE)

Application
EP 05803084 A 20051116

Priority
• AT 2005000459 W 20051116
• AT 8392004 U 20041118

Abstract (en)
[origin: WO2006053361A1] The invention relates to a cold cathode fluorescent lamp (1), which essentially comprises a discharge vessel (3), whose interior is coated with a fluorescent material (2) and which contains a filler gas component that emits UV light, two or more hollow cathodes (4) consisting of a material from the group containing Mo, W, Nb, Ta and their alloys and two or more current feed pins (5) consisting of a material from the group containing Mo, W and their alloys. According to the invention, the current feed pin (5) is connected to a cup (6) or a sleeve (7), consisting preferably of Fe, Ni, Co or their alloys and the cup (6) or sleeve (7) is connected in turn to the hollow cathode (4).

IPC 8 full level
H01J 61/09 (2006.01); **H01J 9/02** (2006.01)

CPC (source: EP KR)
H01J 61/06 (2013.01 - KR); **H01J 61/0672** (2013.01 - EP); **H01J 61/09** (2013.01 - EP KR); **H01J 61/36** (2013.01 - KR)

Citation (search report)
See references of WO 2006053361A1

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)
AT 8314 U1 20060515; CN 101061566 A 20071024; EP 1812951 A1 20070801; JP 2008521176 A 20080619; KR 20070084116 A 20070824; WO 2006053361 A1 20060526

DOCDB simple family (application)
AT 8392004 U 20041118; AT 2005000459 W 20051116; CN 200580039555 A 20051116; EP 05803084 A 20051116; JP 2007541575 A 20051116; KR 20077010534 A 20070509