

Title (en)  
A DECORATIVE LAMP STRING

Title (de)  
DEKORATIVE LICHTERKETTE

Title (fr)  
CORDON DE LAMPE DÉCORATIF

Publication  
**EP 2093477 A4 20091125 (EN)**

Application  
**EP 07817128 A 20071022**

Priority  
• CN 2007070937 W 20071022  
• CN 200610123567 A 20061114

Abstract (en)  
[origin: CN1952474A] The invention discloses a decorating lamp string, comprising lamp body and lamp base connected by power line. Electric raceway, in which power line is clamped, is set on the lamp base. The end of lamp root is tip and they penetrate into the power line through via hole on the lamp base and connect with conductor wires. The invention is provided with very compact structure, largely saving material and decreasing cost. When assembling power line is clamped into the electric raceway of lamp base, then the plug for power line is plugged to fix, finally lamp roots penetrate into power lines. The technology is simple and mechanical automatic assembling and producing can be accomplished. Manual operation is decreased and production efficiency is improved largely. Meanwhile, various materials such as lamp base and power line are decreased and the producing cost is reduced.

IPC 8 full level  
**F21S 4/00** (2006.01); **F21V 21/002** (2006.01); **H01R 4/24** (2006.01); **H01R 33/97** (2006.01); **F21W 121/00** (2006.01); **F21W 121/04** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)  
**F21S 4/10** (2016.01 - EP); **F21V 19/0005** (2013.01 - EP); **F21V 21/002** (2013.01 - EP US); **H01R 4/2406** (2017.12 - EP US); **H01R 33/09** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US); **H01R 25/142** (2013.01 - EP)

Citation (search report)  
• [X] CH 673349 A5 19900228 - GABRIELE SONCINI  
• [X] US 2005207151 A1 20050922 - AANEGOLA SRINATH K [US], et al  
• [X] US 5121310 A 19920609 - AHRONI JOSEPH M [US]  
• [X] US 2004070973 A1 20040415 - LEE HAN-MING [TW]  
• [X] US 6341881 B1 20020129 - HUANG PETER K H [TW]  
• [X] US 5893774 A 19990413 - LIN SHWU-MIIN [TW]  
• [X] US 6116951 A 20000912 - SHU KUO FEN [TW]  
• See references of WO 2008058481A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 202007009906 U1 20070913**; CN 100543366 C 20090923; CN 1952474 A 20070425; EP 2093477 A1 20090826; EP 2093477 A4 20091125; WO 2008058481 A1 20080522

DOCDB simple family (application)  
**DE 202007009906 U 20070714**; CN 200610123567 A 20061114; CN 2007070937 W 20071022; EP 07817128 A 20071022