

Title (en)  
Illuminant optimised lamp

Title (de)  
Leuchtmitteloptimierter Leuchtkörper

Title (fr)  
Corps lumineux optimisé en termes de moyen lumineux

Publication  
**EP 2662850 A3 20140910 (DE)**

Application  
**EP 13167396 A 20130511**

Priority  
• DE 202012101755 U 20120511  
• EP 13167396 A 20130511

Abstract (en)  
[origin: EP2662850A2] The light optimized lamp has translucent base material provided with grooves for reception of LED as light source and for extracting LED. The grooves are molded with synthetic resin. The LED chips (2) of multi-chip LEDs (1) are operated independent of each other. The respective LED chips are connected in parallel or series with each other. Each LED chips are electrically connected to the power supply (5) by central electrical connection wires (3) or the rails. The base material is made of polyethylene terephthalate glycol, acrylonitrile butadiene styrene, and PVC.

IPC 8 full level  
**G09F 13/04** (2006.01); **G09F 13/22** (2006.01)

CPC (source: EP)  
**G09F 13/0404** (2013.01); **G09F 2013/222** (2013.01)

Citation (search report)  
• [YD] DE 10212733 A1 20031002 - DUSCHEK ANKE [DE]  
• [Y] US 6404131 B1 20020611 - KAWANO TAI [JP], et al  
• [A] US 2008137333 A1 20080612 - TAMAOKI SATOSHI [JP], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2662850 A2 20131113; EP 2662850 A3 20140910**

DOCDB simple family (application)  
**EP 13167396 A 20130511**