

Title (en)  
HOUSING FOR LED CHIP AND LIGHT SOURCE

Title (de)  
GEHÄUSE FÜR LED-CHIP UND LICHTQUELLE

Title (fr)  
BOITIER POUR PUCE LED ET SOURCE LUMINEUSE

Publication  
**EP 1735845 A2 20061227 (DE)**

Application  
**EP 05729367 A 20050415**

Priority  
• CH 2005000210 W 20050415  
• CH 6632004 A 20040416  
• CH 14252004 A 20040831

Abstract (en)  
[origin: WO2005101489A2] Disclosed is a light source which generally represents a dividable array of LED chips that are applied to a support element. A concave mirror-type or diaphragm-type optical element is provided for each LED chip or unit of LED chips that are arranged next to each other and emit in different spectral ranges, for example. A continuous heat-conducting path is provided from a fixing surface of the LED chip/s to surfaces of the optical element which are open towards the outside, i.e. each of the elements forming the heat-conducting path is entirely metallic or is made of metal-filled plastic while said elements as a whole form a continuous cooling element for the LED chip.

IPC 8 full level  
**H01L 23/495** (2006.01); **H01L 33/60** (2010.01); **H01L 33/64** (2010.01)

CPC (source: EP)  
**H01L 23/49568** (2013.01); **H01L 24/97** (2013.01); **H01L 33/60** (2013.01); **H01L 33/647** (2013.01); **H01L 33/642** (2013.01); **H01L 2224/48091** (2013.01); **H01L 2224/48472** (2013.01)

Citation (search report)  
See references of WO 2005101489A2

Cited by  
DE202011104223U1

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**WO 2005101489 A2 20051027**; **WO 2005101489 A3 20060727**; EP 1735845 A2 20061227

DOCDB simple family (application)  
**CH 2005000210 W 20050415**; EP 05729367 A 20050415