

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
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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

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WO 2005101489 A2 20051027; **WO 2005101489 A3 20060727**; EP 1735845 A2 20061227

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