

Title (en)

LED MODULE FOR MODIFIED LAMPS AND MODIFIED LED LAMP

Title (de)

LED-MODUL FÜR UMGERÜSTETE LAMPEN UND UMGERÜSTETE LED-LAMPE

Title (fr)

MODULE À DIODES POUR LAMPES TRANSFORMÉES ET LAMPE À DIODES TRANSFORMÉE

Publication

**EP 2406832 A2 20120118 (DE)**

Application

**EP 10705602 A 20100226**

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- EP 10705602 A 20100226

Abstract (en)

[origin: EP2228841A1] A LED module comprises a printed circuit board or a SMD carrier. At least one LED chip is mounted on the board or carrier. A globe top is arranged, i.e. dispensed or mounted, on top of the LED chip and the area of the board or carrier surrounding the LED chip. The surface of the board or carrier, on which the globe top is dispensed, is covered with white reflective material contacting the LED chip, preferably at its side walls.

IPC 8 full level

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EP 2406832 A2 20120118; EP 2406834 A2 20120118; EP 2406834 B1 20190424; GB 201115372 D0 20111019; GB 201115666 D0 20111026;  
GB 2480047 A 20111102; GB 2480047 B 20140212; GB 2480216 A 20111109; GB 2480216 B 20140423; JP 2012519975 A 20120830;  
JP 2012519976 A 20120830; JP 5746982 B2 20150708; KR 101301112 B1 20130827; KR 20110124358 A 20111116;  
KR 20110139718 A 20111229; US 2012061709 A1 20120315; US 2012068204 A1 20120322; US 9203001 B2 20151201;  
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GB 201115666 A 20100226; JP 2011553385 A 20100226; JP 2011553386 A 20100226; KR 20117023436 A 20100226;  
KR 20117023437 A 20100226; US 201013255694 A 20100226; US 201013255856 A 20100226