

Title (en)

LED light with cooling element

Title (de)

LED-Leuchte mit Kühlkörper

Title (fr)

Lampe à DEL dotée d'un corps de refroidissement

Publication

EP 2407713 B1 20140423 (DE)

Application

EP 11184454 A 20101029

Priority

- EP 10189368 A 20101029
- DE 102009051373 A 20091030

Abstract (en)

[origin: EP2320137A1] The cooling sink has a light emitting diode (LED) (2) and a sleeve part with a channel (6) for removal of heated air generated by an operation of the LED lamp. Another sleeve is arranged surrounding the former sleeve part. Another channel (10) is formed between the two sleeves to transport the air.

IPC 8 full level

F21V 29/00 (2006.01); **F21K 99/00** (2010.01)

CPC (source: EP US)

F21K 9/232 (2016.07 - EP US); **F21V 3/00** (2013.01 - EP US); **F21V 23/009** (2013.01 - EP); **F21V 29/83** (2015.01 - EP); **F21V 29/89** (2015.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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