

Title (en)  
LED-ARRAY

Title (de)  
LED-ARRAY MIT TEMPERATURSENSOR

Title (fr)  
JEU ORDONNE DE DEL

Publication  
**EP 1800341 A2 20070627 (DE)**

Application  
**EP 05789566 A 20050909**

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Abstract (en)  
[origin: WO2006034668A2] The invention relates to an LED array having at least two LED chips (2). Said LED array is characterized in that it contains a temperature sensor (3) and in that the operating current of the LED chips (2) is controlled depending on the temperature detected by the temperature sensor (3). The inventive array allows for a long operating time of the LED chips (2) with a high operating current without running the risk of thermal overload.

IPC 8 full level  
**H01L 25/16** (2006.01); **H01L 33/48** (2010.01); **F21K 99/00** (2016.01); **H01L 33/56** (2010.01); **H01L 33/58** (2010.01)

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**B60Q 1/0023** (2013.01 - EP); **H01L 25/0753** (2013.01 - EP US); **H01L 25/167** (2013.01 - EP US); **H05B 45/18** (2020.01 - EP US); **H05B 45/28** (2020.01 - EP US); **H01L 2924/0002** (2013.01 - EP US); **Y02B 20/30** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006034668A2

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Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
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