

Title (en)  
HEATSINK FOR SEMICONDUCTOR LIGHTING ELEMENT

Title (de)  
KÜHLKÖRPER FÜR HALBLEITERLEUCHTELEMENTE

Title (fr)  
RADIATEUR POUR DEL

Publication  
**EP 2443390 A1 20120425 (DE)**

Application  
**EP 10724018 A 20100526**

Priority  
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• DE 102009024907 A 20090615

Abstract (en)  
[origin: WO2010145925A1] Disclosed is a cooling member (2) which is designed to cool semiconductor light emitting elements (8) and comprises a mounting cavity (3) for accommodating at least part of control electronics (4) used for operating the semiconductor light emitting elements. Also disclosed is a lamp (1) which comprises such a cooling member and in which the control electronics (4) are accommodated at least in part within the mounting cavity. A method for producing a lamp includes at least the following steps: the control electronics (4) are introduced at least in part into the mounting cavity (3); the mounting cavity is at least partially filled with a thermal transfer material (19); and at least one semiconductor light emitting element (8) is fixed to the cooling member (2).

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