

Title (en)  
Flashlight

Title (de)  
Taschenlampe

Title (fr)  
Lampe de poche

Publication  
**EP 1081425 A3 20011004 (DE)**

Application  
**EP 00104478 A 20000304**

Priority  
• DE 29915504 U 19990903  
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Abstract (en)  
[origin: EP1081425A2] A pocket lamp has a rod shaped lamp housing (10) and a lamp head (11) with a hollow reflector. A first light source is located in the focus of the reflector, such that the generated light is radiated in an axial direction. The light from the second source is radiated in a radial direction. All LEDs are fastened on a disc-shaped circuit board (21) with integrated voltage supply leads that are connected to the lamp socket for the first light source, in a detachable fashion. At least one further light emitting diode (LED) (19,20) acts as a second light source that can be switched separately from the first light source. At a distance from the circuit board is located a reflector (23,25) which reflects the light radiated from the LEDs in the axial direction, into radial directions.

IPC 1-7  
**F21L 4/02**; **F21V 23/00**

IPC 8 full level  
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**F21L 4/025** (2013.01 - EP); **F21L 4/027** (2013.01 - EP US); **F21V 21/0885** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)  
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• [E] US 6158874 A 20001212 - BRUSTEIN SAMUEL [US], et al  
• [A] DE 4110985 A1 19921008 - ABB PATENT GMBH [DE]  
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