

Title (en)  
Head assembly for a multi-function flashlight

Title (de)  
Kopfanordnung für eine Multifunktionshandlampe

Title (fr)  
Tête lumineuse pour lampe-torche polyvalente

Publication  
**EP 2180238 A2 20100428 (EN)**

Application  
**EP 09250048 A 20090108**

Priority  
US 25856508 A 20081027

Abstract (en)  
A multi-function flashlight device (10) is provided in either an all white light emitting diode (LED) or a colored LED version that allows versatile functionality. The flashlight is fashioned to have an outer housing (12) that includes both an integrated means (14) for interfacing the flashlight with a firearm and a surface thereon that serves as a handgrip. The outer housing (12) of the flashlight is configured to be engaged by a clamping assembly that facilitates integration of the flashlight with standard firearm accessory rail assemblies. The flashlight head (18) includes a high-output white LED (32) positioned centrally within an optical element such as a reflector (34). Should the flashlight be a colored light, four other positions are provided around the periphery (36) of the lens that contain colored LEDs. The flashlight (10) provides the user the ability to selectively and individually control the mode of operation for all of the LEDs contained therein.

IPC 8 full level  
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CPC (source: EP US)  
**F21L 4/027** (2013.01 - EP US); **F21V 7/0075** (2013.01 - EP); **F21V 29/507** (2015.01 - EP US); **F21V 29/83** (2015.01 - EP US);  
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DOCDB simple family (publication)  
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