

Title (en)  
Control system for a multi-function flashlight

Title (de)  
Steuersystem für eine Multifunktionshandlampe

Title (fr)  
Système de commande pour lampe-torche polyvalente

Publication  
**EP 2180239 A3 20120502 (EN)**

Application  
**EP 09250049 A 20090108**

Priority  
US 25857108 A 20081027

Abstract (en)  
[origin: EP2180239A2] 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  
**F21L 4/02** (2006.01); **F21V 23/04** (2006.01); **H05B 37/02** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)  
**F21L 4/027** (2013.01 - EP US); **F21V 17/002** (2013.01 - EP); **F21V 23/0414** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)  
• [X] WO 2007042752 A1 20070419 - NOBLE BARRY ANGUS [GB], et al  
• [I] US 2005122712 A1 20050609 - KIM PAUL Y [US]

Cited by  
CN114110456A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2180239 A2 20100428; EP 2180239 A3 20120502**

DOCDB simple family (application)  
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