

Title (en)
Method of operating a multi-function flashlight

Title (de)
Verfahren zum Betreiben einer Multifunktionshandlampe

Title (fr)
Procédé d'opération de lampe-torche polyvalente

Publication
EP 2180237 A3 20120502 (EN)

Application
EP 09250047 A 20090108

Priority
US 25855608 A 20081027

Abstract (en)
[origin: EP2180237A2] A multi-function flashlight (10) device 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 includes a high-output white LED (32) positioned centrally within an optical element such as a reflector. Should the flashlight be a colored light, four other positions are provided around the periphery of the lens that contain colored LEDs (38). The flashlight 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 23/0407** (2013.01 - EP); **F21V 23/0421** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

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

Cited by
CN103003619A; WO2012006977A3

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

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