

Title (en)
Flashlight with i/o bus bar

Title (de)
Handlampe mit E/A-Sammelschiene

Title (fr)
Lampe-torche dotée d'un bus d'entrées/sorties

Publication
EP 2180236 A2 20100428 (EN)

Application
EP 09250046 A 20090108

Priority
US 25854308 A 20081027

Abstract (en)
A multi-function flashlight device (10) is provided in either an all white light emitting diode (LED) or a coloured LED version that allows versatile functionality. The flashlight (10) 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 (14) 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 (10) 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 coloured light, four other positions are provided around the periphery of the lens that contain coloured LEDs (38). 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); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21L 4/027 (2013.01 - EP US); **F21V 23/0421** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Cited by
GB2548564A; GB2548564B

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)
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