

Title (en)  
GRAPHIC IMAGING DEVICE

Title (de)  
GRAFISCHE ABBILDUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'IMAGERIE GRAPHIQUE

Publication  
**EP 3446763 A1 20190227 (EN)**

Application  
**EP 18475504 A 20180814**

Priority  
SK 500592017 A 20170824

Abstract (en)  
The graphic imaging device in the form of the hollow tube-like sleeve made of transparent material, in which the battery (5a), LED UV diodes (13), LED UV diodes (14), 3W CREE LED diode (15), processor (4), tactical lamp (16), light scattering rings are inserted, where the sleeve (17) features the gripping chain or cord, whereas the processor (4) is associated with the GPS module (10) and the metal detector (9), gyroscope (11) and accelerometer (12), furthermore with the USB connector (7) also connected to the charger (6) with the battery charging indicator (19) associated with the battery (5a) connected to the direct current DC/DC converter (5), furthermore the processor (4) is connected to three LED controllers (1, 2, 3) connected to DC/DC converter (5), where the LED controller (1) is connected to 74 RGB LED diodes (13), the LED controller (2) is connected to 20 UV LED diodes (14) and LED controller (3) is connected to the 3W CREE LED diode (15).

IPC 8 full level  
**A63J 7/00** (2006.01); **F21L 4/02** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)  
**A63J 5/023** (2013.01 - EP); **A63J 7/00** (2013.01 - EP US); **H05B 45/20** (2020.01 - EP US); **H05B 47/105** (2020.01 - EP US); **H05B 47/155** (2020.01 - EP US)

Citation (applicant)  
• DE 202008009828 U1 20081009 - MYLIUS OLIVER SIMON [GB], et al  
• US 5079679 A 19920107 - CHIN-FA YEN [TW]  
• US 2015029701 A1 20150129 - WEIDMAN DONALD LEE [US], et al

Citation (search report)  
• [A] DE 202008009828 U1 20081009 - MYLIUS OLIVER SIMON [GB], et al  
• [A] US 6265984 B1 20010724 - MOLINAROLI CARL JOSEPH [US]  
• [A] US 2011007496 A1 20110113 - CHIEN TSENG-LU [US]

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3446763 A1 20190227; EP 3446763 B1 20210707**; DK 3446763 T3 20211011; ES 2893476 T3 20220209; HR P20211565 T1 20220121; HU E056134 T2 20220128; LT 3446763 T 20211025; PL 3446763 T3 20211227; PT 3446763 T 20211007; RS 62504 B1 20211130; SI 3446763 T1 20211130; SK 288752 B6 20200504; SK 500592017 A3 20190301

DOCDB simple family (application)  
**EP 18475504 A 20180814**; DK 18475504 T 20180814; ES 18475504 T 20180814; HR P20211565 T 20180814; HU E18475504 A 20180814; LT 18475504 T 20180814; PL 18475504 T 20180814; PT 18475504 T 20180814; RS P20211240 A 20180814; SI 201830419 T 20180814; SK 500592017 A 20170824