

Title (en)
Flashlight

Title (de)
Taschenlampe

Title (fr)
Lampe de poche

Publication
EP 1484550 A1 20041208 (DE)

Application
EP 03012786 A 20030605

Priority
EP 03012786 A 20030605

Abstract (en)
Torch comprises a pushbutton switch (13) which is located in the switch housing. The switch housing is mounted in a slot-shaped recess of the switch carrier which is fitted in an inner shell of the torch housing. The switch carrier is covered with a pole sheet metal on its side facing the battery drawer of the torch housing (10), so that it is electrically connected with the battery. The switch carrier is made of plastics and has contact pins and connecting cable which form the electrical connection between the pole sheet metal and the plate on which light emitting diodes (LEDs) (14) are located.

Abstract (de)
Die Erfindung betrifft eine Taschenlampe mit einer Lichtquelle (14) sowie mit einem an dem Lampengehäuse (10) angeordneten federbelasteten Druckschalter (13) zum Ein- und Ausschalten der Lichtquelle (14), die insbesondere aus einer oder mehreren Leuchtdioden (LED) besteht. Erfindungsgemäß nimmt der Druckschalter (13) zum Kontaktschluss beim Einschalten eine Position ein, bei der er unterhalb einer durch die Mantelfläche des Lampengehäuses (10) bestimmten Ebene liegt, die den Druckschalter umgibt.

IPC 1-7
F21V 23/04; **F21L 4/00**

IPC 8 full level
F21L 4/02 (2006.01); **F21V 5/04** (2006.01); **F21V 23/04** (2006.01); **F21V 7/00** (2006.01)

CPC (source: EP US)
F21L 4/027 (2013.01 - EP); **F21V 5/04** (2013.01 - EP US); **F21V 23/0414** (2013.01 - EP US); **F21V 7/0091** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)
DE 20011282 U1 20001221 - ZWEIBRUEDER STAHLWARENKONTOR G [DE]

Citation (search report)
• [XA] US 5667293 A 19970916 - OWN JAMES [TW]
• [XA] GB 2296822 A 19960710 - SHIAU SHOEI SHUH [TW]
• [XA] US 1763902 A 19300617 - PATRON JOAQUIN R
• [X] DE 10131686 A1 20030116 - MELLERT FA HERMANN [DE]
• [X] US 5357411 A 19941018 - MENKE W KENNETH [US], et al
• [A] US 5757557 A 19980526 - MEDVEDEV VLADIMIR [US], et al
• [A] DE 2201574 A1 19730719 - SIEMENS AG
• [A] US 6099147 A 20000808 - ZIEGENFUSS PETER JOHN [US]

Citation (examination)
US 5939691 A 19990817 - SHIAU SHOEI-SHUH [TW]

Cited by
CN102359723A; CN102822597A; DE202020101974U1; WO2011113709A1; US9512989B2; DE102020109967A1; WO2021204321A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1484550 A1 20041208

DOCDB simple family (application)
EP 03012786 A 20030605