

Title (en)
POCKET LAMP

Title (de)
TASCHENLAMPE

Title (fr)
LAMPE DE POCHE

Publication
EP 1392999 B1 20060920 (DE)

Application
EP 02738106 A 20020524

Priority
• DE 10131686 A 20010629
• EP 0205735 W 20020524

Abstract (en)
[origin: WO03004932A1] A pocket lamp consisting of a base body (10) and a lamp head (12) with at least two luminous diodes (32a, 32b), each of which having an optical device (44a) associated with one of said luminous diodes (32a, 32b) (44a), said optical device being used to focus the light radiated by the respective luminous diode, and respectively one tube body (56a, 56b, 56c) disposed between one of the luminous diodes (32a, 32b) and the associated optical device (44a) for focussing the light radiated by the respective luminous diode. The tubes (56a, 56b, 56c) are embodied in such a way that substantially prevent light from one of the luminous diodes from penetrating into (32a, 32b) an optical device for focussing the light radiated by the respective luminous diode associated with one of the other luminous diodes (32a, 32b).

IPC 8 full level
F21L 4/02 (2006.01); **F21V 5/00** (2018.01); **F21V 11/00** (2015.01); **F21V 13/02** (2006.01)

CPC (source: EP US)
F21L 4/027 (2013.01 - EP US); **F21V 5/006** (2013.01 - EP US); **F21V 11/00** (2013.01 - EP US); **F21V 11/06** (2013.01 - EP US); **F21V 13/02** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 03004932 A1 20030116; AT E340332 T1 20061015; CA 2451202 A1 20030116; CN 100504152 C 20090624; CN 1620577 A 20050525; DE 10131686 A1 20030116; DE 50208208 D1 20061102; DK 1392999 T3 20061023; EP 1392999 A1 20040303; EP 1392999 B1 20060920; ES 2268046 T3 20070316; HK 1073685 A1 20051014; PT 1392999 E 20061130; US 2004240201 A1 20041202

DOCDB simple family (application)
EP 0205735 W 20020524; AT 02738106 T 20020524; CA 2451202 A 20020524; CN 02813093 A 20020524; DE 10131686 A 20010629; DE 50208208 T 20020524; DK 02738106 T 20020524; EP 02738106 A 20020524; ES 02738106 T 20020524; HK 05106162 A 20050721; PT 02738106 T 20020524; US 48197404 A 20040726