

Title (en)

CLIP TYPE LAMP DETACHABLY COUPLED WITH CAP

Title (de)

KLEMMLAMPE MIT LÖSBARER BEFESTIGUNG AN EINEM SOCKEL

Title (fr)

LAMPE A CROCHETS COUPLEE DE MANIERE AMOVIBLE A UNE CASQUETTE

Publication

EP 1838992 A1 20071003 (EN)

Application

EP 06823932 A 20061206

Priority

- KR 2006005225 W 20061206
- KR 20050035773 U 20051220

Abstract (en)

[origin: WO2007073047A1] Disclosed is a clip type lamp, which is detachably attached to a cap visor so as to ensure the user's field of vision when the user is mountaineering, fishing, exercising or traveling at night. The clip type lamp includes a body having a smoothly curved surface and accommodating a battery therein; a plurality of electric bulbs installed at a front portion of the body; first and second clips having first end portions fixed to the front portion of the body and second end portions elastically moved up and down, in which the first and second clips include first and second protrusions having arc-shaped sections and being integrally formed with the front portion of the body while protruding beyond the front portion of the body, and first and second clip fixing sections extending downward from the first and second protrusions that define first and second locking holes therein; an ultrasonic wave generator accommodated in the body; and a switch for operating the electric bulbs and the ultrasonic wave generator.

IPC 8 full level

F21L 4/08 (2006.01); **F21V 23/00** (2015.01)

CPC (source: EP KR US)

F21L 4/00 (2013.01 - EP KR US); **F21L 4/08** (2013.01 - KR); **F21V 21/0885** (2013.01 - EP); **F21V 33/0052** (2013.01 - EP); **F21L 4/08** (2013.01 - EP); **F21Y 2115/10** (2016.08 - EP US)

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Designated extension state (EPC)

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DOCDB simple family (publication)

WO 2007073047 A1 20070628; AU 2006276688 A1 20070705; AU 2006276688 B2 20091001; AU 2009206161 A1 20090827; AU 2009206161 B2 20110602; CN 101018980 A 20070815; CN 101018980 B 20101222; CN 101900249 A 20101201; CN 101900249 B 20120125; EP 1838992 A1 20071003; EP 1838992 A4 20080430; EP 1838992 B1 20140730; HK 1106572 A1 20080314; JP 2008541348 A 20081120; JP 4515518 B2 20100804; KR 200412703 Y1 20060331; TW 200730761 A 20070816; TW I339251 B 20110321

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KR 2006005225 W 20061206; AU 2006276688 A 20061206; AU 2009206161 A 20090805; CN 200680000766 A 20061206; CN 201010145188 A 20061206; EP 06823932 A 20061206; HK 07111891 A 20071102; JP 2008509953 A 20061206; KR 20050035773 U 20051220; TW 95147871 A 20061220