

Title (en)
LAMP DEVICE WHICH IS WORN ON THE HEAD

Title (de)
KOPFGETRAGENE BELEUCHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ECLAIRAGE FRONTAL

Publication
EP 1208328 A1 20020529 (DE)

Application
EP 00958028 A 20000825

Priority
• AT 0000226 W 20000825
• AT 151799 A 19990902

Abstract (en)
[origin: WO0118445A1] The invention relates to a lamp device which is worn on or directly in front of the forehead or above or to the side of the eyes and which enables the wearer to move around freely without cables or similar connections. The invention is characterised in that several non-thermal, light-emitting elements are provided for generating the light and in that the individual light-emitting elements emit the light in a defined direction of radiation and are located in such a way that the light that is generated is directional. The light-emitting elements (1) are also located in such a way that each of them forms a particular angle with the visual axis of the wearer so that all of the light sources (1) have a precise common intersection point in relation to the viewing or working distance of the wearer. The distance between each individual light-emitting element (1) and this intersection point is also equal. The vertical position of the illumination field in front of the face of the wearer can also be varied.

IPC 1-7
F21L 4/02; **F21V 21/084**; **F21V 19/02**

IPC 8 full level
F21L 4/02 (2006.01); **A61B 19/00** (2006.01); **F21K 99/00** (2010.01); **F21L 14/00** (2006.01); **F21S 8/00** (2006.01); **F21V 14/02** (2006.01); **F21V 19/02** (2006.01); **F21V 21/084** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21L 14/00 (2013.01 - EP US); **F21V 19/02** (2013.01 - EP US); **F21W 2131/20** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
See references of WO 0118445A1

Cited by
DE102017128212A1; WO2019106086A1

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

DOCDB simple family (publication)
WO 0118445 A1 20010315; AT 407698 B 20010525; AT A151799 A 20001015; AT E376643 T1 20071115; AU 2307901 A 20010410; DE 50014732 D1 20071206; EP 1208328 A1 20020529; EP 1208328 B1 20071024; US 2002089844 A1 20020711; US 6575588 B2 20030610

DOCDB simple family (application)
AT 0000226 W 20000825; AT 00958028 T 20000825; AT 151799 A 19990902; AU 2307901 A 20000825; DE 50014732 T 20000825; EP 00958028 A 20000825; US 8498002 A 20020301