

Title (en)

BALANCING DEVICE IMPROVING THE HOLDING ON THE HEAD OF A HEAD LAMP

Title (de)

AUSGLEICHSVORRICHTUNG ZUR VERBESSERUNG DES HALTENS AUF DEM KOPF EINER STIRNLAMPE

Title (fr)

DISPOSITIF D ÉQUILIBRAGE AMÉLIORANT LE MAINTIEN SUR LA TÊTE D'UNE LAMPE FRONTALE

Publication

EP 3674596 B1 20210901 (FR)

Application

EP 19219943 A 20191228

Priority

FR 1874422 A 20181231

Abstract (en)

[origin: US2020208818A1] A headlamp with—a headband; a light source located at the front of the headband is presented. The headlamp has a load balancing device with two strands. The first strand has a first end (A) and a second end (B) respectively attached on one left front fixing point and one left rear fixing point of said headband. The second strand has a first end (A') and a second end (B') respectively attached on one right front fixing point and one right rear fixing point of said headband. There is an element wherein the first and second strands are thread up so as to bring closer the two strands at one common point C.

IPC 8 full level

F21L 4/00 (2006.01); **F21V 21/084** (2006.01)

CPC (source: CN EP US)

A42B 1/244 (2013.01 - US); **F21L 4/00** (2013.01 - EP); **F21L 4/005** (2013.01 - CN); **F21V 21/084** (2013.01 - CN EP US); **F21V 21/145** (2013.01 - US); **F21V 21/30** (2013.01 - US); **F21V 23/00** (2013.01 - CN); **A42B 3/142** (2013.01 - US)

Cited by

EP4047261A1; US11585519B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3674596 A1 20200701; **EP 3674596 B1 20210901**; CN 111473257 A 20200731; CN 111473257 B 20240514; ES 2899589 T3 20220314; FR 3091328 A1 20200703; US 11268681 B2 20220308; US 2020208818 A1 20200702

DOCDB simple family (application)

EP 19219943 A 20191228; CN 201911414586 A 20191231; ES 19219943 T 20191228; FR 1874422 A 20181231; US 201916731570 A 20191231