

Title (en)

MODULAR LIGHTING DEVICE FOR INTELLIGENT HOME CARE

Title (de)

MODULARE BELEUCHTUNGSVORRICHTUNG FÜR INTELLIGENTEN HAUSHALT

Title (fr)

DISPOSITIF D'ÉCLAIRAGE MODULAIRE POUR ENTRETIEN MÉNAGER INTELLIGENT

Publication

EP 3457026 A1 20190320 (EN)

Application

EP 17795399 A 20170420

Priority

- CN 201610316397 A 20160512
- CN 2017081175 W 20170420

Abstract (en)

A modularized smart home-care lighting device includes a lighting device (1) made up of a base (2) and a swappable assembly (4). The base (2) is provided therein with a plurality of LEDs (31) and an insertion slot (21). The insertion slot (21) allows for installation and connection of a swappable assembly (4) that has a camera (5) for panoramic surveillance and monitoring. The camera (5) has a circumference in which a detection module (51) that detects an environment outside the lighting device (1) and an ancillary module (52) corresponding to the detection module (51) to provide reminder and alarm. The swappable assembly (4) is readily inserted into the base (2) to establish secured connection therewith. Through electrical connection with the main control panel (3) in the swappable assembly (4), the lighting device (1) is allowed for expansion for diverse functions, which in combination with automatic connection with household electrical appliances, allows family members to be well taken care of to achieve the purpose of smart home care.

IPC 8 full level

F21V 33/00 (2006.01); **F21W 131/30** (2006.01)

CPC (source: CN EP)

F21S 2/005 (2013.01 - EP); **F21S 8/04** (2013.01 - EP); **F21V 17/002** (2013.01 - EP); **F21V 23/0471** (2013.01 - EP); **F21V 23/06** (2013.01 - EP); **F21V 33/00** (2013.01 - EP); **F21V 33/0052** (2013.01 - CN EP); **F21W 2131/30** (2013.01 - CN); **F21Y 2103/33** (2016.07 - EP); **F21Y 2115/10** (2016.07 - EP)

Cited by

BE1030035B1; WO2023131642A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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EP 17795399 A 20170420; CN 201610316397 A 20160512; CN 2017081175 W 20170420; TW 106114021 A 20170427