

Title (en)  
LIGHTING DEVICE WITH FLOATING MODULE

Title (de)  
BELEUCHTUNGSVORRICHTUNG MIT SCHWIMMENDEM MODUL

Title (fr)  
DISPOSITIF D'ÉCLAIRAGE À MODULE FLOTTANT

Publication  
**EP 3597986 A1 20200122 (FR)**

Application  
**EP 19179975 A 20190613**

Priority  
FR 1856587 A 20180717

Abstract (en)  
[origin: CN110726115A] A lighting device (DE) includes a support wall (PS) and at least one module (ME1). The module includes: a source that generates photons; a lens (L) that acts on the generated photons so that these photons move towards the front area (QA) and participate in the selected photometric function; an upper shell (C1) And the lower shell (C2), each of which has an elongated shape in the direction of the front region (YA) and is connected to each other by defining an internal space. The lens (L) is firmly installed in the internal space. The upper case (C1) includes a first rear portion (PR1) defining a groove (LA) connected in parallel to the support wall (PS). The source is mounted at least partially in the groove.

Abstract (fr)  
Un dispositif d'éclairage (DE) comprend au moins un module (ME1) comportant :- une source générant des photons,- une lentille (L) agissant sur les photons générés pour qu'ils se dirigent vers une zone avant (ZA) et participent à une fonction photométrique choisie,- une paroi de support (PS),- des coques supérieure (C1) et inférieure (C2) présentant chacune une forme allongée en direction de la zone avant (ZA), et solidarisées entre elles en définissant un espace interne dans lequel est installée fixement la lentille (L), la coque supérieure (C1) comprenant une première partie arrière (PR1) définissant un logement (LA), dans lequel est installée au moins partiellement la source, et couplée à la paroi de support (PS).

IPC 8 full level  
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CPC (source: CN EP)  
**F21S 41/148** (2017.12 - EP); **F21S 41/19** (2017.12 - EP); **F21S 41/25** (2017.12 - CN); **F21S 41/255** (2017.12 - EP); **F21S 41/295** (2017.12 - CN EP); **F21S 41/55** (2017.12 - EP); **F21S 45/47** (2017.12 - EP); **F21S 45/48** (2017.12 - CN); **F21S 45/49** (2017.12 - CN EP); **F21W 2102/13** (2017.12 - CN); **F21W 2102/30** (2017.12 - CN); **F21W 2107/10** (2017.12 - CN)

Citation (search report)  
• [X] EP 3260764 A1 20171227 - AUTOMOTIVE LIGHTING ITALIA SPA [IT]  
• [XI] FR 3022867 A1 20160101 - VALEO VISION [FR]  
• [I] EP 2966344 A1 20160113 - VALEO VISION [FR]  
• [A] JP 3196241 U 20150226  
• [A] DE 202017102646 U1 20170529 - YUJING TECH CO LTD [TW]  
• [A] JP 2013197077 A 20130930 - STANLEY ELECTRIC CO LTD

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Designated contracting state (EPC)  
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**EP 3597986 A1 20200122**; **EP 3597986 B1 20210901**; CN 110726115 A 20200124; CN 110726115 B 20230203; FR 3084137 A1 20200124

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