

Title (en)
Lighting device with sensor

Title (de)
Beleuchtungsanordnung mit Sensor

Title (fr)
Dispositif d'éclairage avec capteur

Publication
EP 2273188 A3 20120215 (EN)

Application
EP 10168488 A 20100706

Priority
• GB 0921483 A 20091209
• DE 102009031755 A 20090706

Abstract (en)
[origin: EP2273188A2] The lighting device mainly contains an upper casing (1), a middle casing (2), a circuit board (3), a lower casing (4), and a sensor assembly (20). The middle casing (2) has threads to join the upper and lower casings. Light emitting diodes (LEDs) (21) are configured on a top side of the middle casing (2), and the sensor assembly (20) is configured among the LEDs (21). The lower casing (4) is joined to a power socket and, inside the lower casing, the circuit board is configured and connected to the LEDs (21) and the sensor assembly (20). The sensor assembly (20) contains a cylindrical casing with a spherical top end threaded through a ring, jointly constituting a substantially spherical shape. The sensor assembly (20) is then rotatably configured in a spherical concave on the top side of the middle casing, so that it could be easily turned to point to a desired coverage area by adjusting its rotational angle.

IPC 8 full level
F21V 17/02 (2006.01); **F21V 23/04** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21V 17/02 (2013.01 - EP); **F21V 23/0442** (2013.01 - EP US); **F21V 29/83** (2015.01 - EP); **F21S 8/02** (2013.01 - EP); **F21V 17/12** (2013.01 - EP); **F21V 29/507** (2015.01 - EP); **F21Y 2103/33** (2016.07 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
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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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

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EP 2273188 A2 20110112; EP 2273188 A3 20120215; EP 2273188 B1 20130313; ES 2413029 T3 20130715; PL 2273188 T3 20130930

DOCDB simple family (application)
EP 10168488 A 20100706; ES 10168488 T 20100706; PL 10168488 T 20100706