

Title (en)

Light assembly with water-proof breather.

Title (de)

Leuchte mit einer wasserdichten Belüftungsöffnung.

Title (fr)

Armature d'éclairage avec ouverture de ventilation étanche à l'eau.

Publication

EP 0288084 A2 19881026 (EN)

Application

EP 88106524 A 19880422

Priority

JP 6059887 U 19870423

Abstract (en)

The light fitting having a closed lamp house in which a lamp bulb is displayed is provided with a water-proof breather comprising a cylinder (22) extending from the back of the housing (20) rearwardly and having an air-path communicating with a the lamp house and the atmosphere through a mazy passage, and a cap (44) fitted onto the cylinder. The outlet (46) of the air-path is so formed as to open in the lower outer circumference of the cylinder (22). Therefore, the cylinder provides for both breathing and water-proofing functions. Rain water can be perfectly blocked from entering the light assembly. And since the dimensions of the water-proof breather only depends upon the outside dimensions of the cylinder, the lighting fitting with the water-proof breather can be installed in a minimum space.

IPC 1-7

F21V 31/00

IPC 8 full level

F16K 24/00 (2006.01); **F21S 8/10** (2006.01); **F21V 31/00** (2006.01); **F21V 31/03** (2006.01)

CPC (source: EP)

F21V 31/03 (2013.01); **F21S 45/30** (2017.12)

Cited by

EP0710795A1; CN104676560A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0288084 A2 19881026; **EP 0288084 A3 19891025**; **EP 0288084 B1 19931215**; **EP 0288084 B2 19990915**; DE 3886252 D1 19940127; DE 3886252 T2 19940407; DE 3886252 T3 20000105; JP H0353369 Y2 19911121; JP S63167602 U 19881101

DOCDB simple family (application)

EP 88106524 A 19880422; DE 3886252 T 19880422; JP 6059887 U 19870423