

Title (en)
ILLUMINATION ELEMENT

Title (de)
BELEUCHTUNGSKÖRPER

Title (fr)
DISPOSITIF D'ECLAIRAGE

Publication
EP 1214547 A1 20020619 (DE)

Application
EP 00971247 A 20000902

Priority
• DE 0003012 W 20000902
• DE 19943478 A 19990910

Abstract (en)
[origin: DE19943478A1] The invention relates to an illumination element (1), comprising at least one light source (11) and at least one ceiling element (12) which is fixed to a ceiling and/or wall and has a closed frame element (2). The free peripheral surface of said frame element, which faces away from the ceiling or wall, is covered by a partially transparent first film (3) that is located beneath the light source (11) and also has a second partially transparent film (4), lying between the first film (3) and the light source (11). The surfaces of the two films (3, 4) run at least approximately parallel to and at a distance from one another. When the inventive illumination body (1) is switched on, insects or dirt particles which have collected on the second film (4) are no longer visible to an observer who is looking at the first film (3), as a result of the scattering of light as it passes through the second film (4). An additional advantage of the invention is that it produces a diffuse and extremely even illumination which closely resembles natural light.

IPC 1-7
F21V 1/14; **E04B 9/32**; **E04B 9/04**

IPC 8 full level
E04B 9/04 (2006.01); **E04B 9/32** (2006.01); **F21S 8/02** (2006.01); **F21V 1/14** (2006.01); **F21V 11/14** (2006.01)

CPC (source: EP)
E04B 9/04 (2013.01); **E04B 9/32** (2013.01); **F21V 1/14** (2013.01); **F21V 11/14** (2013.01); **E04B 2009/0492** (2013.01); **F21S 8/026** (2013.01); **F21S 8/061** (2013.01)

Citation (search report)
See references of WO 0120224A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19943478 A1 20010405; **DE 19943478 C2 20021128**; AU 1017901 A 20010417; EP 1214547 A1 20020619; WO 0120224 A1 20010322

DOCDB simple family (application)
DE 19943478 A 19990910; AU 1017901 A 20000902; DE 0003012 W 20000902; EP 00971247 A 20000902