

Title (en)

Combined lighting and air exhaust device for an underpressure ceiling.

Title (de)

Abluftleuchte für eine Unterdruckdecke.

Title (fr)

Appareil combiné d'éclairage et d'évacuation d'air pour un plafond en dépression.

Publication

EP 0037958 A1 19811021 (DE)

Application

EP 81102437 A 19810331

Priority

DE 3013147 A 19800403

Abstract (en)

1. Ventilated light for a low-pressure cover, comprising a housing (1) which has ventilating openings (101, 102) of identical shape and size which can be closed either completely or partially by synthetic components, and comprising two side reflectors (142, 143) which are arranged in the housing on both sides of a fluorescent lamp (10) and which between one another define the light outlet opening (13) below and the air throughput opening (140) above, characterised in that the side reflectors (142, 143), together with a roof reflector (141) arranged between them, form a channel shaped reflector enclosing the fluorescent lamp (10) and the upper third portion of which is provided with a longitudinal slot (140) between the roof reflector (141) and each side reflector (142, 143), that at least two, preferably ten, ventilation openings (101, 102) are arranged in the side walls (11, 12) of the housing (1), each of which openings has a minimum cross-section of 20 cm**2 and which are uniformly distributed along the length of the housing (1), and that the ventilation openings (101, 102) can be closed by means of snap-fitted covers (2) which consist of synthetic material and which have components (20, 21) which can be cut out and which are delimited from one another by grooves (a to f).

Abstract (de)

Bei einer Abluftleuchte für Unterdruckdecken weist das Leuchtengehäuse (1) eine Anzahl von etwa 5 bis 10 Öffnungen (101, 102) verhältnismäßig großen Querschnittes auf, die durch Deckel (2) aus Kunststoff abdeckbar sind. Die Deckel haben durch Einkerbungen (a bis f) voneinander abgegrenzte, herauschneidbare Bereiche (20, 21), so daß der wirksame Öffnungsquerschnitt und damit der Strömungswiderstand in entsprechenden Stufen veränderbar ist.

IPC 1-7

F24F 13/078

IPC 8 full level

F24F 13/078 (2006.01)

CPC (source: EP)

F24F 13/078 (2013.01)

Citation (search report)

- AT 328678 B 19760412 - SIEMENS AG
- DE 7135369 U
- CH 570589 A5 19751215 - SIEMENS AG
- GB 944846 A 19631218 - EMERSON ELECTRIC MFG CO
- FR 1506876 A 19671222 - SIEMENS AG

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USD885550S; USD887541S; USD926963S; US9970457B2; US10184489B2; US9702576B2; US10641506B2; US11221153B2; US10221861B2; US10724542B2; US11236766B2; US11713773B2; US9631627B2; US9714663B1; US10487840B2; US11053948B2; US11365743B2; US11703062B2; US10024531B2; US10487852B2; US10655841B2; USD886275S; US11092330B2; US11105341B2; US11421710B2; US11598539B2; US11781761B1

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