

Title (en)

Heat-dissipating light fixture for use with tungsten-halogen lamps.

Title (de)

Wärmeabführende Leuchte mit Wolfram-Halogenlampen.

Title (fr)

Luminaire à évacuation de chaleur et lampes tungstène-halogène.

Publication

EP 0350522 A1 19900117 (EN)

Application

EP 88111269 A 19880714

Priority

US 92215286 A 19861023

Abstract (en)

Heat-dissipating light fixture apparatus (10) comprising: a hollow, heat conductive body (26); electrical connector means (86), disposed within the interior of said body and being operatively connectable to the base portion (22) of a lamp (12) having a reflector portion (18), for transmitting electrical power from a source thereof to said lamp; heat shield means (117), connected to the interior of said body and being interposable between said electrical connector means and the reflector portion of a lamp whose base portion is operatively connected to said electrical connector means, for intercepting radiant heat generated by said reflector portion toward said electrical connector means, and for conducting the intercepted radiant heat to said body; and heat conducting means (100), interposable between said heat shield means and said base portion of said lamp, for defining a conductive heat flow path between said base portion of said lamp and said heat shield means.

IPC 1-7

F21V 29/00

IPC 8 full level

F21V 19/00 (2006.01); **F21V 21/30** (2006.01); **F21V 27/00** (2006.01); **F21V 29/00** (2006.01); **F21V 29/15** (2015.01); **F21V 21/34** (2006.01)

CPC (source: EP US)

F21V 19/0005 (2013.01 - EP); **F21V 21/30** (2013.01 - EP); **F21V 27/00** (2013.01 - EP); **F21V 29/15** (2015.01 - EP); **F21V 29/71** (2015.01 - US); **F21V 29/763** (2015.01 - EP); **F21V 29/89** (2015.01 - EP); **F21V 21/34** (2013.01 - EP)

Citation (search report)

- [X] FR 2367245 A1 19780505 - LEITZ ERNST GMBH [DE]
- [A] US 3936686 A 19760203 - MOORE DONALD W
- [A] US 3840734 A 19741008 - ORAM J
- [A] US 3560728 A 19710202 - ATKIN LEONARD
- [A] GB 1252813 A 19711110
- [A] FR 2169953 A1 19730914 - STAFF KG [DE]
- [A] US 4660132 A 19870421 - BASLER BRADLEY S [US], et al
- [A] US 3639751 A 19720201 - PICHEL MARLOWE A
- [A] GB 2066443 A 19810708 - PHILIPS NV

Cited by

CN107577048A; GB2335027B; EP1704752A4; EP2572932A1; NL1020377C2; WO9205389A1; EP2159484B1

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