

Title (en)

A METHOD OF PRODUCING A LAMP

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER LAMPE

Title (fr)

PROCEDE DE FABRICATION D'UNE LAMPE

Publication

EP 1396023 A4 20070321 (EN)

Application

EP 02729655 A 20020614

Priority

- AU 0200780 W 20020614
- AU PR570501 A 20010615

Abstract (en)

[origin: WO02103794A1] A method of producing a lamp, including mounting light emitting junctions on a support structure (52) such that the junctions adopt a three-dimensional array. The support structure may be a curved lead frame, which is also claimed. The conductors may be in a part spherical configuration. The light emitting junctions may be mounted in recesses (57) in the curved conductors, the recesses acting as an optical guide controlling the direction of light output from the junction.

IPC 8 full level

H01L 23/28 (2006.01); **H01L 25/075** (2006.01); **H01L 23/29** (2006.01); **H01L 23/31** (2006.01); **H01L 23/48** (2006.01); **H01L 25/04** (2006.01); **H01L 25/18** (2006.01); **H01L 33/62** (2010.01); **F21K 99/00** (2010.01)

CPC (source: EP US)

H01L 25/0753 (2013.01 - EP); **H01L 33/62** (2013.01 - EP US); **F21K 9/00** (2013.01 - EP US); **H01L 2224/48091** (2013.01 - EP); **H01L 2924/01039** (2013.01 - EP); **H01L 2924/12041** (2013.01 - EP)

C-Set (source: EP)

H01L 2224/48091 + H01L 2924/00014

Citation (search report)

- [Y] DE 19922176 A1 20001123 - OSRAM OPTO SEMICONDUCTORS GMBH [DE]
- [Y] DE 3438154 A1 19860424 - SWF AUTO ELECTRIC GMBH [DE]
- [Y] FR 2707222 A1 19950113 - VALEO VISION [FR]
- See references of WO 02103794A1

Citation (examination)

EP 1081771 A2 20010307 - HEWLETT PACKARD CO [US]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02103794 A1 20021227; AU PR570501 A0 20010712; CA 2450156 A1 20021227; CN 1526169 A 20040901; EP 1396023 A1 20040310; EP 1396023 A4 20070321; JP 2004532532 A 20041021; KR 20040019015 A 20040304; NZ 530066 A 20061027; TW 567617 B 20031221; ZA 200309547 B 20040728

DOCDB simple family (application)

AU 0200780 W 20020614; AU PR570501 A 20010615; CA 2450156 A 20020614; CN 02812023 A 20020614; EP 02729655 A 20020614; JP 2003506005 A 20020614; KR 20037016279 A 20031212; NZ 53006602 A 20020614; TW 91113106 A 20020614; ZA 200309547 A 20031209