

Title (en)
ELECTRIC LAMP HAVING A LIGHT REFLECTING LAYER

Publication
EP 0464446 A3 19921021 (DE)

Application
EP 91109916 A 19910617

Priority
DE 4020595 A 19900628

Abstract (en)
[origin: EP0464446A2] In order to avoid problematic process steps in the manufacture of reflector lamps, the production of the light-reflecting layer (6) is carried out by plasma-supported vacuum coating of the exterior bulb surface using, for example, titanium nitride, instead of by thermal vapour-deposition of the internal bulb surface using aluminium or aluminium-bronze. The light-reflecting layer (6) applied in this way has high adhesive strength and is very resistant to scratching and is also resistant to oxidation and moisture attack at an elevated temperature. <IMAGE>

IPC 1-7
H01J 61/35

IPC 8 full level
H01J 9/20 (2006.01); **H01J 61/35** (2006.01); **H01K 1/32** (2006.01)

CPC (source: EP)
H01J 9/20 (2013.01); **H01J 61/35** (2013.01); **H01K 1/325** (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 13, no. 396 (E-815)4. September 1989 & JP-A-1 143 130 (USHIO INC) 5 Juni 1989
- [Y] PATENT ABSTRACTS OF JAPAN vol. 12, no. 406 (P-777)27. Oktober 1988 & JP-A-63 144 379 (MINOLTA CAMERA CO LTD) 16 Juni 1988
- [Y] PATENT ABSTRACTS OF JAPAN vol. 14, no. 329 (P-1076)16. Juli 1990 & JP-A-2 109 003 (KONIKA CORP) 20 April 1990
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- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 61 (C-567)10. Februar 1989 & JP-A-63 252 944 (NIPPON SHEET GLASS CO LTD) 20 Oktober 1988
- [AP] PATENT ABSTRACTS OF JAPAN vol. 14, no. 550 (E-1009)6. Dezember 1990 & JP-A-2 237 108 (SONY CORP) 19 September 1990

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