

Title (en)  
Electric lamp having a light reflecting layer

Title (de)  
Elektrische Lampe mit lichtreflektierender Schicht

Title (fr)  
Lampe électrique ayant une couche réfléchissante

Publication  
**EP 0464446 B1 19961016 (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**; **H01J 9/20**

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)

Cited by  
DE19857076A1; DE19857079A1; US8278823B2

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**EP 0464446 A2 19920108**; **EP 0464446 A3 19921021**; **EP 0464446 B1 19961016**; DE 4020595 A1 19920109; DE 59108277 D1 19961121; HU T57946 A 19911230

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**EP 91109916 A 19910617**; DE 4020595 A 19900628; DE 59108277 T 19910617; HU 216891 A 19910627