

Title (en)
LAMP AND REFLECTOR ASSEMBLY

Title (de)
REFLEKTOR MIT LAMPE

Title (fr)
ENSEMBLE LAMPE ET REFLECTEUR

Publication
EP 0584071 B1 19990107 (EN)

Application
EP 92900018 A 19911002

Priority

- US 67959691 A 19910403
- US 67959791 A 19910403
- US 69782891 A 19910509
- US 9107373 W 19911002

Abstract (en)
[origin: WO9217733A1] A lamp assembly includes a reflector having a concave reflecting surface and an axis of rotation, and a light source including a filament mounted at or near a focal point of the reflecting surface. The filament has a length to diameter ratio of 6:1 or greater. The reflecting surface is formed as a multiplicity of reflecting facets. The facets on at least 50 % of the reflecting surface have dimensions and curvatures selected to produce a light pattern wherein a ratio of filament width spread to filament length spread produced by the facets is at least 2:1. Preferably, the facets are arranged in axially adjacent rings. The facets rings can be successively offset in a rotational direction so as to reduce circumferential variations in the light pattern.

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F21V 7/09

IPC 8 full level
F21V 7/09 (2006.01)

CPC (source: EP)
F21V 7/048 (2013.01); **F21V 7/06** (2013.01); **F21V 7/09** (2013.01)

Citation (examination)
EP 0271857 A2 19880622 - GTE PROD CORP [US]

Cited by
CN103244906A; EP1672276A2; US8052309B2; WO2007138321A1

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WO 9217733 A1 19921015; CA 2106984 A1 19921004; CA 2106984 C 20011218; DE 69130738 D1 19990218; DE 69130738 T2 19990902; EP 0584071 A1 19940302; EP 0584071 B1 19990107

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