

Title (en)
Lighting fixture having a cast reflector

Title (de)
Beleuchtungseinrichtung mit gegossenem Reflektor

Title (fr)
Dispositif d'éclairage comprenant un réflecteur moulé

Publication
EP 0751339 A2 19970102 (EN)

Application
EP 96110404 A 19960627

Priority
US 49789995 A 19950630

Abstract (en)
Disclosed is a lighting fixture for projecting a beam of light useful in theater, television, and architectural lighting applications. The fixture includes cast substrate comprised of a heat-conductive material, with a concave front side that defines a reflective surface and a convex rear side that defines a plurality of cooling fins exposed to the fixtures's exterior, to provide enhanced convective cooling. This configuration enables the use of special temperature-sensitive reflective coatings that otherwise would be subject to degradation. A receptacle is defined in the cast reflector substrate, for conformably receiving the cast base of a lamp assembly, thereby enabling a precise positioning of the lamp assembly's filaments in a prescribed position relative to the reflective surface without the need for manual adjustment. <IMAGE>

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IPC 8 full level
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F21V 7/24 (2018.01 - EP US); **F21V 7/28** (2018.01 - EP US); **F21V 19/0005** (2013.01 - EP); **F21V 29/713** (2015.01 - EP);
F21V 29/75 (2015.01 - EP); **F21V 29/763** (2015.01 - EP); **F21V 29/767** (2015.01 - EP); **F21V 21/30** (2013.01 - EP); **F21W 2131/406** (2013.01 - EP)

Citation (applicant)
US 5268613 A 19931207 - CUNNINGHAM DAVID W [US]

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US10340424B2; US7771095B2; US9951938B2; US8672516B2; WO2012044364A1; WO2007050547A3; US9841175B2; US10139095B2;
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