

Title (en)

Reflector for a lamp and method to determine the shape of a reflector.

Title (de)

Reflektor für eine Leuchte und Verfahren zum Bestimmen der Form eines Reflektors.

Title (fr)

Réflecteur pour lampe et procédé pour déterminer sa forme.

Publication

**EP 0402740 A2 19901219 (DE)**

Application

**EP 90110622 A 19900605**

Priority

DE 3919334 A 19890613

Abstract (en)

[origin: JPH0330204A] PURPOSE:To obtain the desired luminous intensity distribution and unify the illuminance distribution in a pattern to be irradiated by forming the sectional form of a reflector with a no-conic curve. CONSTITUTION:A sectional curve R is obtained by connecting multiple coordinate points obtained on the basis of a distance between intersections of two conic curves E1, E2 crossing a straight line 2 and a distance function, and thereafter, the sectional curve R is dislocated three dimensionally to obtain a solid shape, and the sectional form of a reflector is formed with no-conic curve. The reflection characteristic thereof is thereby different from a conventional reflector using a conic curve, and the illuminance distribution of an irradiated pattern is unified, and furthermore, a boundary of the pattern is appeared clear.

Abstract (de)

Ein Reflektor für eine Leuchte weist eine Form auf, die in einem die optische Achse 1 enthaltenden Schnitt zwischen zwei Kurven liegt, welche die Reflektorschnittkurve R einhüllen. Bei den einhüllenden Kurven kann es sich um zwei Ellipsen, zwei Parabeln oder eine Ellipse und eine Parabel handeln.

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