

Title (en)
Lamp for motor vehicles

Title (de)
Kraftfahrzeug-Lampe

Title (fr)
Lampe pour véhicules automobiles

Publication
EP 0879989 A3 19991201 (EN)

Application
EP 98303891 A 19980518

Priority
CZ 151897 A 19970519

Abstract (en)
[origin: EP0879989A2] A lamp for motor vehicles comprised of a reflector, a refractor and a light source, where said reflector (1) having the basic surface (10) spherical, ellipsoidal, parabolical or hyperboloidal is provided with convex or concave basic reflexive elements (5) having their working surface (16) of Bézier's type or it is a circle or a sphere in horizontal and vertical sections, and in corners (6) of the basic reflexive elements (5) it is provided with concentrating reflexive elements (4) that have their vertical dimension (θ_{VK}) smaller or equal to the vertical dimension (θ_{VP}) of basic reflexive elements (5) and their horizontal dimension (θ_{HK}) is smaller or equal to the horizontal dimension (θ_{HP}) of the basic reflexive elements (5), the reflexive surface (11) of the concentrating reflexive elements (4) has said creating curves in the shape of conics and it is of a cylindrical, or a toroidal shape or in the shape of a parabolical cylinder with a vertical or horizontal cylinder axis position, whereby said refractor (2) is provided with optical elements (15) of low deviation or decorative optics situated on its functional surface (12), whereby the deviation can be either vertical or horizontal or both vertical and horizontal and the light source (3) is of cylindrical shape with the cylinder axis situated laterally with regard to the lamp axis (14) in the focus (F) vicinity of the reflector (1). <IMAGE>

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F21Q 1/00; **F21V 7/04**

IPC 8 full level
F21S 8/10 (2006.01); **F21V 7/00** (2006.01); **F21V 7/04** (2006.01); **F21V 7/09** (2006.01); **F21V 13/04** (2006.01)

CPC (source: EP)
F21S 43/30 (2017.12); **F21V 7/04** (2013.01)

Citation (search report)
• [A] EP 0678703 A1 19951025 - SEIMA ITALIANA SPA [IT]
• [A] GB 2285122 A 19950628 - KOITO MFG CO LTD [JP]
• [A] FR 2610083 A1 19880729 - AXO EQUIP AUTOMOBILE [FR]
• [A] EP 0581661 A1 19940202 - VALEO VISION [FR]

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EP2148131A1; FR2934031A1; US8096690B2; US8353607B2

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