

Title (en)
Headlamp with gas discharge lamp

Title (de)
Scheinwerfer mit Gasentladungslampe

Title (fr)
Projecteur à lampe à décharge

Publication
EP 0898113 A1 19990224 (FR)

Application
EP 98120777 A 19971113

Priority
• EP 97402709 A 19971113
• FR 9613799 A 19961113

Abstract (en)
An earthed cylindrical screen (4), carried on its end flange (4a) or on mask supports (6), surrounds the lamp tube (2a) near the reflector (1). The lamp (2), e.g. sodium iodide type, operates on a square-wave alternating supply, rich in harmonics. Its e.g. parabolic reflector (1), in aluminium-coated plastics, supports it, with the discharge tube (2a) approximately at the reflector focus. The lamp cap's (2b) wide collar (5) traps a flange (4a) on the screen against the reflector's rear face, on which hemispherical excrescences (1a) correspond with locating holes in the flange. Optionally the screen is a simple cylinder mounted between two metal beam mask (3) supports, also earthed.

Abstract (fr)
Projecteur à lampe à décharge pour véhicule automobile comportant un réflecteur (1, 11, 21) concave dans le fond duquel est disposée une lampe à décharge (2, 12, 22), caractérisé en ce qu'il comporte, à l'intérieur du réflecteur (1, 11, 21), une bague métallique (4, 14, 24) qui entoure la lampe à décharge (2, 12, 22) à proximité de son culot et qui est reliée à la masse. <IMAGE>

IPC 1-7
F21M 3/10; **F21V 25/00**; **F21M 3/14**

IPC 8 full level
F21V 23/00 (2006.01); **F21S 8/10** (2006.01); **F21V 11/16** (2006.01); **F21V 25/00** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)
F21S 41/172 (2017.12 - EP US); **F21S 41/43** (2017.12 - EP); **F21V 25/00** (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
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