

Title (en)

Motor vehicle headlamp comprising a discharge lamp and improved electromagnetic shielding means

Title (de)

Kraftfahrzeugscheinwerfer mit einer Entladungslampe und einer verbesserten, elektromagnetischen Abschirmung

Title (fr)

Projecteur de véhicule automobile équipé d'une lampe à décharge et de moyens perfectionnés de blindage électromagnétique

Publication

**EP 0905441 B1 20030827 (FR)**

Application

**EP 98402349 A 19980924**

Priority

FR 9711995 A 19970926

Abstract (en)

[origin: EP0905441A1] The motor vehicle headlamp has a reflector (20) inside which is mounted a discharge lamp (10), a screen (30) placed immediately in front of the lamp, and a shielding coating (40) made of a conductive material covering the back of the reflector. The shielding is connected to a fixed potential. The lamp screen (30) is made of a conductive material and is also connected to a fixed potential to divert stray electromagnetic fields emitted toward the front of the lamp.

IPC 1-7

**F21V 25/00**; **F21S 8/12**; **F21V 17/00**

IPC 8 full level

**B60Q 1/04** (2006.01); **F21S 8/10** (2006.01); **F21S 8/12** (2006.01); **F21V 13/00** (2006.01); **F21V 19/00** (2006.01); **F21V 25/00** (2006.01)

CPC (source: EP US)

**F21S 41/17** (2017.12 - EP US); **F21S 41/192** (2017.12 - EP US); **F21V 25/00** (2013.01 - EP US)

Cited by

DE102005004637B4; CN107429888A; FR2816035A1; CN103427492A; GB2347995A; GB2347995B; FR2882130A1; FR2807142A1; DE10163377A1; EP1065438A1; FR2795691A1; EP1798466A1; US6309089B1; US6474856B2; WO0237024A1; WO2006087494A1; EP1065438B2

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