

Title (en)
Optical systems including reflectors

Title (de)
Optische Systeme mit Reflektoren

Title (fr)
Systèmes optiques utilisant des réflecteurs

Publication
EP 1300712 A2 20030409 (EN)

Application
EP 02256927 A 20021007

Priority
GB 0123979 A 20011005

Abstract (en)
An optical system includes conical reflectors (32) axially aligned back to back with a xenon tube (35) located in the throat (36) formed by their truncated apices, for emitting light in two opposite directions. Each reflector (32) is enclosed by a transparent cover (33) that includes a central lens (37) for evening out axial light-distribution. Alternatively, a xenon tube (15) may be located between the apices of two mutually-inverted conical reflectors (16,17) at right angles to their common axis (18) for emitting light from their external reflective surfaces throughout 360 degrees. As further alternatives, a single conical or pyramidal reflector (3,10) may be used with a LED (1) as light source, and the systems may be used for reception of light. <IMAGE>

IPC 8 full level
F21V 7/04 (2006.01); **F21V 7/00** (2006.01)

CPC (source: EP US)
F21V 7/04 (2013.01 - EP); **F21V 7/041** (2013.01 - EP US); **F21V 7/0025** (2013.01 - EP); **F21V 7/005** (2013.01 - EP);
F21W 2111/00 (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Cited by
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US9629576B2; US9788764B2; US9814415B2; US9877670B2; US10070809B2; US10080515B2; US10959650B2; US10973442B2;
US11076781B2; US11986291B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1300712 A2 20030409; **EP 1300712 A3 20040225**; GB 0123979 D0 20011128; GB 0223133 D0 20021113; GB 2381065 A 20030423;
GB 2381065 B 20040303

DOCDB simple family (application)
EP 02256927 A 20021007; GB 0123979 A 20011005; GB 0223133 A 20021007