

Title (en)
INDICATORS AND ILLUMINATORS USING A SEMICONDUCTOR RADIATION EMITTER PACKAGE

Title (de)
ANZEIGE- UND BELEUCHTUNGSGERÄTE UNTER VERWENDUNG EINER HALBLEITENDEN STRAHLUNGSQUELLENEINHEIT

Title (fr)
INDICATEURS ET ILLUMINATEURS UTILISANT UN ENSEMBLE D'EMISSION DE RADIATIONS A SEMICONDUCTEUR

Publication
EP 1169668 A1 20020109 (EN)

Application
EP 00913919 A 20000314

Priority
• US 0006635 W 20000314
• US 12449399 P 19990315
• US 42579299 A 19991022

Abstract (en)
[origin: CA2367011A1] A vehicle lamp assembly (209) includes a housing (202) and an LED lamp (218) carried in the housing. A signal mirror (100) includes a mirror (222) and an LED lamp. The LED lamp includes a heat extraction member (400).

IPC 1-7
G02F 1/153; **B60Q 1/26**; **H01J 40/14**

IPC 8 full level
B60Q 1/26 (2006.01); **B60Q 1/30** (2006.01); **B60Q 1/32** (2006.01); **B60Q 1/34** (2006.01); **B60R 1/02** (2006.01); **B60R 1/12** (2006.01); **F21V 29/00** (2006.01); **G02F 1/15** (2006.01); **G02F 1/153** (2006.01); **H01J 40/14** (2006.01); **H01L 33/00** (2010.01); **H01L 33/50** (2010.01); **H01L 33/58** (2010.01); **H01L 33/60** (2010.01); **F21Y 101/02** (2006.01)

CPC (source: EP KR US)
B60Q 1/26 (2013.01 - KR); **B60Q 1/2665** (2013.01 - EP US); **F21S 43/14** (2017.12 - EP); **F21S 45/48** (2017.12 - US); **F21S 45/60** (2017.12 - EP); **F21S 45/42** (2017.12 - EP)

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

DOCDB simple family (publication)
AU 3527900 A 20001004; CA 2367011 A1 20000921; CA 2367011 C 20100706; EP 1169668 A1 20020109; EP 1169668 A4 20030813; JP 2002539026 A 20021119; JP 2005320004 A 20051117; KR 20020010125 A 20020202

DOCDB simple family (application)
AU 3527900 A 20000314; CA 2367011 A 20000314; EP 00913919 A 20000314; JP 2000605259 A 20000314; JP 2005208444 A 20050719; KR 20017011755 A 20010915