

Title (en)

LIGHT REFLECTIVE FILM AND LIGHT EMITTING APPARATUS

Title (de)

LICHT-REFLEKTIERENDE SCHICHT UND LICHT-EMITTIERENDE VORRICHTUNG

Title (fr)

COUCHE REFLECHISSANT LA LUMIERE ET DISPOSITIF EMETTANT DE LA LUMIERE

Publication

**EP 1078200 B1 20031001 (EN)**

Application

**EP 99923150 A 19990517**

Priority

- JP 13553698 A 19980518
- US 9910863 W 19990517

Abstract (en)

[origin: WO9960303A1] To provide a light reflective film capable of easily controlling the directivity of radiation and the illuminating range in accordance to the operating conditions and also capable of effectively increasing the intensity of the emitted light of a light-emitting apparatus. A light reflective film intimately contacted with a light-emitting surface of a light source in such a manner that a part of said light-emitting surface is covered with said film, thereby the intensity of the light emitted from the remaining and uncovered part of the light-emitting surface is increased, characterized in that the light reflective film further comprises a dielectric reflective film having a reflective surface opposed to the light-emitting surface of the light source and a light-transmissive adhesive film intimately contacted with the reflective surface of the dielectric refractive film.

IPC 1-7

**F21V 7/00**

IPC 8 full level

**F21V 7/00** (2006.01); **F21V 17/04** (2006.01); **G09F 13/14** (2006.01)

CPC (source: EP KR)

**F21V 7/005** (2013.01 - EP KR); **F21V 17/04** (2013.01 - EP KR)

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**WO 9960303 A1 19991125**; AU 3998599 A 19991206; CN 1124433 C 20031015; CN 1309753 A 20010822; DE 69911766 D1 20031106; DE 69911766 T2 20040729; EP 1078200 A1 20010228; EP 1078200 B1 20031001; JP 4172843 B2 20081029; JP H11329034 A 19991130; KR 100661950 B1 20061228; KR 20010025053 A 20010326

DOCDB simple family (application)

**US 9910863 W 19990517**; AU 3998599 A 19990517; CN 99808638 A 19990517; DE 69911766 T 19990517; EP 99923150 A 19990517; JP 13553698 A 19980518; KR 20007012997 A 20001118