

Title (en)
AMBER VEHICLE LAMP

Title (de)
AMBER FAHRZEUGLAMPE

Title (fr)
PHARE DE VEHICULE DE COULEUR AMBRE

Publication
EP 1010191 A4 20011004 (EN)

Application
EP 98931761 A 19980701

Priority
US 9813693 W 19980701

Abstract (en)
[origin: WO0002224A1] An amber vehicle lamp (10) having a lamp bulb, and an amber coating (12) including a clear silicone-polyester resin, and colorants including yellow iron oxide, and a yellow anthraquinone. The amber coating may further include a silane coupling agent. The amber vehicle lamp (10) provides an amber color meeting ECE specifications, and having a coating durability of 96 percent of color at 70 percent of the rated lamp life. The colorants have a particle size of less than 0.01 microns providing a substantially clear albeit amber colored bulb.

IPC 1-7
H01J 61/40; **H01K 1/32**; **H01J 5/08**

IPC 8 full level
C03C 17/30 (2006.01); **H01J 5/08** (2006.01); **H01K 1/32** (2006.01)

CPC (source: EP KR)
H01K 1/32 (2013.01 - EP KR)

Citation (search report)

- [YA] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 09 30 September 1997 (1997-09-30)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 013, no. 176 (E - 749) 25 April 1989 (1989-04-25)
- [A] DATABASE WPI Derwent World Patents Index; AN 1985-058731, XP002174672, "lamp for color display unit"
- See references of WO 0002224A1

Designated contracting state (EPC)
BE DE FR GB IT NL SE

DOCDB simple family (publication)
WO 0002224 A1 20000113; CA 2302363 A1 20000113; CA 2302363 C 20060905; DE 69837338 D1 20070426; DE 69837338 T2 20071129; EP 1010191 A1 20000621; EP 1010191 A4 20011004; EP 1010191 B1 20070314; JP 2002520771 A 20020709; KR 100531045 B1 20051128; KR 20010023532 A 20010326

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