

Title (en)
LIGHT

Title (de)
LEUCHTE

Title (fr)
DISPOSITIF D'ECLAIRAGE

Publication
EP 1179158 B1 20030709 (DE)

Application
EP 00929391 A 20000419

Priority
• DE 19923225 A 19990520
• DE 29909282 U 19990527
• EP 0003571 W 20000419

Abstract (en)
[origin: US2002048168A1] There is proposed a luminaire (10) with which the exit angle of the light beams is restricted for the purpose of anti-dazzling. Further, in accordance with the invention there is attained in a simple manner and in particular without the employment of a light guide element a uniform emission of light over the entire surface of an optical element (14; 14-1, 14-2) arranged before or in the emission opening (13) of the luminaire (10). The optical element (14; 14-1, 14-2) has a plate-like core (16) of transparent material, which is occupied on one side with microprisms (17) which, with the formation of furrows (18)-starting from their roots-taper.

IPC 1-7
F21S 8/00; **F21V 5/02**; **F21V 7/22**; **F21V 13/04**

IPC 8 full level
F21V 13/12 (2006.01); **F21S 8/04** (2006.01); **F21V 5/00** (2006.01); **F21V 5/02** (2006.01); **F21V 7/00** (2006.01); **F21V 7/22** (2006.01); **F21V 13/04** (2006.01); **F21Y 103/00** (2006.01)

CPC (source: EP US)
F21S 8/04 (2013.01 - EP US); **F21V 5/002** (2013.01 - EP US); **F21V 5/02** (2013.01 - EP US); **F21V 7/0008** (2013.01 - EP US); **F21V 13/04** (2013.01 - EP US); **F21V 7/005** (2013.01 - EP US); **F21Y 2103/00** (2013.01 - EP US); **F21Y 2113/00** (2013.01 - EP US)

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)
US 2002048168 A1 20020425; **US 6945670 B2 20050920**; AT E244852 T1 20030715; AU 4749700 A 20001212; AU 765828 B2 20031002; CA 2374023 A1 20001130; CA 2374023 C 20090630; DK 1179158 T3 20030804; EP 1179158 A1 20020213; EP 1179158 B1 20030709; EP 1338845 A2 20030827; EP 1338845 A3 20070117; EP 1338845 B1 20090819; ES 2202127 T3 20040401; JP 2003500813 A 20030107; NO 20015632 D0 20011119; NO 20015632 L 20011119; NZ 515195 A 20030429; PT 1179158 E 20030930; WO 0071927 A1 20001130

DOCDB simple family (application)
US 98846401 A 20011120; AT 00929391 T 20000419; AU 4749700 A 20000419; CA 2374023 A 20000419; DK 00929391 T 20000419; EP 0003571 W 20000419; EP 00929391 A 20000419; EP 03007163 A 20000419; ES 00929391 T 20000419; JP 2000620277 A 20000419; NO 20015632 A 20011119; NZ 51519500 A 20000419; PT 00929391 T 20000419