

Title (en)  
LIGHTING OR ILLUMINATING DEVICE, ESPECIALLY FOR MOTOR VEHICLES

Title (de)  
LICHT- BZW. BELEUCHTUNGSEINRICHTUNG, INBESONDERE FÜR KRAFTFAHRZEUGE

Title (fr)  
SYSTEME D'ECLAIRAGE, NOTAMMENT POUR VEHICULES AUTOMOBILES

Publication  
**EP 1064496 A1 20010103 (DE)**

Application  
**EP 99913139 A 19990204**

Priority  
• DE 19811570 A 19980317  
• EP 9900734 W 19990204

Abstract (en)  
[origin: DE19811570A1] The light outlet plane consists of a middle section (10), permeable nearly unimpaired for a part of the available light yield of the light source. In addition a ring shaped outer section (20) surrounding the middle section, which is permeable solely, for the available residual part of the light yield. The reflector (2) is positioned relative to the light source in such a manner, that the core light reflection is projected on the middle section of the light outlet surface, and illuminates the remaining scattered light yield of the outer section (21).

IPC 1-7  
**F21M 3/05**

IPC 8 full level  
**F21S 8/10** (2006.01); **F21S 8/12** (2006.01); **F21V 5/00** (2006.01); **F21V 7/00** (2006.01)

CPC (source: EP KR US)  
**F21S 41/255** (2017.12 - KR); **F21S 41/28** (2017.12 - EP KR US); **F21S 41/36** (2017.12 - EP KR US); **F21W 2102/00** (2017.12 - KR)

Citation (search report)  
See references of WO 9947852A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**DE 19811570 A1 19990923**; **DE 19811570 C2 20010802**; CN 1105261 C 20030409; CN 1293742 A 20010502; DE 59905646 D1 20030626; EP 1064496 A1 20010103; EP 1064496 B1 20030521; ES 2199566 T3 20040216; JP 2002507052 A 20020305; KR 20010041925 A 20010525; WO 9947852 A1 19990923

DOCDB simple family (application)  
**DE 19811570 A 19980317**; CN 99804061 A 19990204; DE 59905646 T 19990204; EP 9900734 W 19990204; EP 99913139 A 19990204; ES 99913139 T 19990204; JP 2000537005 A 19990204; KR 20007010233 A 20000916