

Title (en)  
Recessed luminaire with LED

Title (de)  
LED- Einbauleuchte

Title (fr)  
Luminaire encastré à LED

Publication  
**EP 1477726 A3 20050914 (DE)**

Application  
**EP 04008520 A 20040408**

Priority  
DE 10322177 A 20030516

Abstract (en)  
[origin: EP1477726A2] An LED unit (16) and fixing elements (30) are adapted to a standard electrical socket (2), so that the LED unit is inserted into the socket. Connecting parts (23,24) are connected to mains voltage wires in the socket. A transparent surface (26) of the LED unit faces outwards from the socket.

IPC 1-7  
**F21S 8/02**; **F21V 21/04**; **F21V 33/00**

IPC 8 full level  
**F21S 8/02** (2006.01); **F21V 21/04** (2006.01); **F21V 23/02** (2006.01); **F21S 8/00** (2006.01)

CPC (source: EP US)  
**F21S 8/02** (2013.01 - EP); **F21S 8/024** (2013.01 - EP US); **F21V 21/04** (2013.01 - EP); **F21V 23/02** (2013.01 - EP); **F21W 2111/00** (2013.01 - EP); **F21Y 2115/10** (2016.08 - EP US)

Citation (search report)

- [XY] DE 20018455 U1 20010111 - ANSORG GMBH [DE]
- [YA] US 2003021104 A1 20030130 - TSAO FRANK WEN-CHUNG [US]
- [A] DE 20101295 U1 20010405 - DREES LEUCHTENTEILE GMBH [DE]
- [A] DE 19919080 A1 20001102 - INSTA ELEKTRO GMBH & CO KG [DE]

Cited by  
EP2348248A1; EP2239497A1; EP2363634A3; US8591058B2; GB2427458A; EP3396234A1; WO2006111774A1; EP2348249B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1477726 A2 20041117**; **EP 1477726 A3 20050914**; **EP 1477726 B1 20080423**; AT E393355 T1 20080515; DE 10322177 A1 20041202; DE 502004006881 D1 20080605

DOCDB simple family (application)  
**EP 04008520 A 20040408**; AT 04008520 T 20040408; DE 10322177 A 20030516; DE 502004006881 T 20040408