

Title (en)
LED illuminant

Title (de)
LED- Beleuchtung

Title (fr)
Source lumineuse à diodes électroluminescentes

Publication
EP 1341142 A2 20030903 (DE)

Application
EP 03003325 A 20030213

Priority
DE 20203326 U 20020301

Abstract (en)
An LED illumination having plates equipped with a number of LEDs with cables connecting the plates together and to a voltage source. A transparent encapsulation is provided for at least the LEDs on the plates. More specifically, one plate is provided per LED.

Abstract (de)
LED-Beleuchtung mit einer Anzahl von mit Leuchtdioden (16) versehenen Platinen (10) und die Platine zueinander und zu einer Spannungsquelle verbindenden Kabeln (12), und einer im wesentlichen transparente, schlauchförmige Ummantelung (20) wenigstens der Leuchtdioden (16) auf den Platinen (10). <IMAGE>

IPC 1-7
G09F 13/22

IPC 8 full level
G09F 13/22 (2006.01); **F21S 4/20** (2016.01)

CPC (source: EP)
F21S 4/20 (2016.01); **G09F 13/22** (2013.01)

Cited by
DE102004064254B3; DE102004004777B4; US7926976B2; WO2012023856A1

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 PT SE SI SK TR

DOCDB simple family (publication)
EP 1341142 A2 20030903; **EP 1341142 A3 20060125**; **EP 1341142 B1 20091125**; AT E450028 T1 20091215; DE 20203326 U1 20020704; DE 50312147 D1 20100107; DK 1341142 T3 20100412

DOCDB simple family (application)
EP 03003325 A 20030213; AT 03003325 T 20030213; DE 20203326 U 20020301; DE 50312147 T 20030213; DK 03003325 T 20030213