

Title (en)  
Lighting advertising element

Title (de)  
Beleuchtungselement für eine Werbung

Title (fr)  
Dispositif pour l'éclairage d'une affiche publicitaire

Publication  
**EP 1873741 A1 20080102 (EN)**

Application  
**EP 06460019 A 20060626**

Priority  
EP 06460019 A 20060626

Abstract (en)  
The element simulating the luminous neon display consists of the light diffusing tube (1) made of plastic, the housing (2) and the light emitting diodes LED (3). The light diffusing tube (1) is made of polyethylene or polypropylene in natural pearl colour or characterized by colouration within its whole volume or with colorized surface or in natural pearl colour, wherein said tube is provided with longitudinal gap (6) with borders (7) and the housing (2) is made of transparent plastic and characterized by rectangular cross - section with the grooves (8) on side walls (9). The light rays diffusing tube (1) is incorporated in the housing (2) by insertion of the borders (7) into the grooves (8) in the housing (2). The diodes (3) are provided with the chamfer (13) on their light emitting side (12) and are adhesive bonded onto the upper wall (10) of the housing (2) in the position of the light emitting side (12) oriented towards said housing (2). The masking cover (16) characterized by "C" letter shape is incorporated on the housing (2) and encompasses the lower wall (11) and side walls (9) in the portion protruding out of the contour of light rays diffusing tube (1). The inner surface (18) of the masking cover (16) has been designed as the surface reflecting the light rays. The masking cover (16) is provided with fixed feet (20) enabling the fastening of the element to the general structure of the advertising (22).

IPC 8 full level  
**G09F 13/22** (2006.01); **G09F 13/18** (2006.01)

CPC (source: EP)  
**G09F 13/0409** (2013.01); **G09F 13/22** (2013.01); **G09F 2013/1804** (2013.01); **G09F 2013/1831** (2013.01); **G09F 2013/1895** (2013.01); **G09F 2013/222** (2013.01)

Citation (search report)  
• [DA] US 6361186 B1 20020326 - SLAYDEN JAMES C [US]  
• [DA] WO 0179748 A2 20011025 - MAXXLUX LIGHTWERBUNG GMBH [DE], et al  
• [A] US 6874924 B1 20050405  
• [A] DE 20008713 U1 20000914 - REKLAME CONRAD WILDEN NACHF GM [DE]

Cited by  
EP2571011A3; EP2571011A2

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

Designated extension state (EPC)  
HR

DOCDB simple family (publication)  
**EP 1873741 A1 20080102**; **EP 1873741 B1 20100908**; AT E480849 T1 20100915; DE 602006016767 D1 20101021; ES 2350238 T3 20110120; PL 1873741 T3 20101231

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**EP 06460019 A 20060626**; AT 06460019 T 20060626; DE 602006016767 T 20060626; ES 06460019 T 20060626; PL 06460019 T 20060626