

Title (en)  
LED-BASED LIGHTING DEVICE FOR GROUND, WALL, FLOOR AND ROAD SURFACE MOUNTING

Title (de)  
AUF LED BASIERENDE BELEUCHTUNGSVORRICHTUNG FÜR UNTERFLUR-, WAND-, BODEN- UND STRASSENDECKENBEFESTIGUNG

Title (fr)  
DISPOSITIF D'ECLAIRAGE A DEL UTILISE AU SOL, SUR UN MUR, UN PLANCHER, OU UNE SURFACE ROUTIERE

Publication  
**EP 1805454 B1 20090902 (EN)**

Application  
**EP 05802394 A 20051011**

Priority  
• IT 2005000592 W 20051011  
• IT RE20040124 A 20041011

Abstract (en)  
[origin: WO2006040790A1] The device is characterized by the presence of a lighting body (1, 100) comprising on the surface, in the portion destined to remain visible, one or more optical diffusing devices (2, 101) engaged on LED-based lighting sources (11, 102), where the latter, together with the relative piloting devices, are coated by an elastomeric material (12, 107) and inserted inside a containment case (6, 104) together with a case filling material (7, 103) so as to create a peripheral optical signaling system for road surfaces, gardens, and parking lots.

IPC 8 full level  
**F21S 8/02** (2006.01); **E01F 9/06** (2006.01); **F21S 8/00** (2006.01); **F21V 31/04** (2006.01)

CPC (source: EP US)  
**E01F 9/559** (2016.02 - EP); **F21S 8/022** (2013.01 - EP US); **F21V 31/04** (2013.01 - EP); **F21W 2111/00** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21W 2131/109** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Cited by  
WO2023155945A1; CZ306761B6; DE202010012662U1; WO2014044231A1; DE102022000580B3; EP3274625B1

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