

Title (en)  
ILLUMINATION DEVICE

Title (de)  
BELEUCHTUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ECLAIRAGE

Publication  
**EP 1590602 A1 20051102 (FR)**

Application  
**EP 04706708 A 20040130**

Priority  
• FR 2004000215 W 20040130  
• FR 0301419 A 20030206

Abstract (en)  
[origin: FR2851028A1] The device has a primary lighting unit (8) with a light source (20) placed relative to a lighting area (4). A secondary lighting unit (10) has an optical widening unit (44) to widen a light beam emitted from another light source (40). The widening unit is interposed between the latter light source and lighting area. The secondary lighting unit has a lighting direction parallel to a direction of the primary lighting unit.

IPC 1-7  
**F21Y 101/02**; **F21S 8/00**; **F21V 5/04**

IPC 8 full level  
**F21S 8/00** (2006.01); **F21V 5/00** (2006.01); **F21V 5/04** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)  
**F21S 8/00** (2013.01 - EP US); **F21V 5/002** (2013.01 - EP US); **F21V 5/04** (2013.01 - EP US); **F21W 2131/205** (2013.01 - EP US);  
**F21Y 2113/00** (2013.01 - EP US); **F21Y 2113/20** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)  
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**FR 2851028 A1 20040813**; **FR 2851028 B1 20060127**; CN 100494768 C 20090603; CN 1745274 A 20060308; EP 1590602 A1 20051102;  
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