

Title (en)  
Lamp unit for vehicles

Title (de)  
Lampeneinheit für Fahrzeuge

Title (fr)  
Unité de lampe pour véhicules

Publication  
**EP 2112429 B1 20110615 (EN)**

Application  
**EP 08007950 A 20080424**

Priority  
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Abstract (en)  
[origin: EP2112429A1] In existing lamp unit for vehicles, the light from the semiconductor light source can not be effectively used. In the present invention, a planar reflect surface (7) is arranged between the projection lens (6) and its focus (FL1) in such a way that the planar reflect surface (7) intersects the light axis (Z1-Z1) of the projection lens (6); a light shutout member (8) is arranged between the semiconductor light source (4) and the projection lens (6), the light shutout member (8) is provided with supplemental reflect surfaces (17-20) reflecting the light (L3) from the semiconductor light source (4) toward the shade (5). As a result, the light (L3) from the semiconductor light source (4) can be effectively used.

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Cited by  
EP2503226A3; EP2366938A1; CN102192458A; FR2987102A1; CN104169639A; US9482401B2; WO2013121028A1; US8632233B2; US9476560B2

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