

Title (en)  
Vehicle head-lamp, particularly for a moped

Title (de)  
Fahrzeug-Scheinwerfer, insbesondere für ein Moped

Title (fr)  
Projecteur de véhicule, notamment pour un cyclomoteur

Publication  
**EP 0982224 A3 20011017 (EN)**

Application  
**EP 99830454 A 19990716**

Priority  
IT TO980725 A 19980828

Abstract (en)  
[origin: EP0982224A2] A vehicle head-lamp, particularly for mopeds, comprises a reflector including an upper portion (13s) and a lower portion (13i) defining separated ellipsoidal surfaces, having separated foci. The light source (S) associated with the head-lamp extends from one focus (Fi) of the lower portion (13i) of the reflector to a point intermediate between said focus and a focus (Fs) of the upper portion (13s) of the reflector. At the front of the head-lamp there is provided an aspherical diverging lens (17) having an outer face with a plurality of cylindrical micro-lenses (22), for deviating downwardly the light rays directed above the horizon line passing through the optical axis of the head-lamp. <IMAGE>

IPC 1-7  
**B62J 6/02**; **F21V 5/04**

IPC 8 full level  
**F21V 5/00** (2006.01); **F21V 7/00** (2006.01)

CPC (source: EP)  
**F21S 41/255** (2018.01); **F21S 41/275** (2018.01); **F21S 41/336** (2018.01)

Citation (search report)  
• [AY] US 3818210 A 19740618 - PITKJAAN E  
• [AY] GB 1423013 A 19760128 - NORTHERN ELECTRIC CO  
• [XY] PATENT ABSTRACTS OF JAPAN vol. 015, no. 386 (M - 1163) 30 September 1991 (1991-09-30)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 325 (M - 1148) 19 August 1991 (1991-08-19)

Cited by  
CN104456214A

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**EP 0982224 A2 20000301**; **EP 0982224 A3 20011017**; IT 1303544 B1 20001114; IT TO980725 A0 19980828; IT TO980725 A1 20000228

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