



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**05.09.2001 Bulletin 2001/36**

(51) Int Cl.7: **F21V 14/00**, F21S 8/10,  
B60Q 1/08  
// F21W101:10

(43) Date of publication A2:  
**10.05.2000 Bulletin 2000/19**

(21) Application number: **99122137.5**

(22) Date of filing: **05.11.1999**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE**  
Designated Extension States:  
**AL LT LV MK RO SI**

- **Lambertini, Vito**  
10049 Giaveno (Torino) (IT)
- **Bigliati, Claudia**  
13039 Trino (Vercelli) (IT)
- **Negri, Alessandro**  
10123 Torino (IT)
- **Sinesi, Sabino**  
10045 Piosasco (Torino) (IT)
- **Pairetti, Bartolomeo**  
12032 Barge (Cuneo) (IT)

(30) Priority: **05.11.1998 IT TO980934**

(71) Applicant: **Automotive Lighting Italia Spa**  
10078 Venaria Reale (Torino) (IT)

(72) Inventors:  
• **Perlo, Piero**  
12048 Sommariva Bosco (Cuneo) (IT)

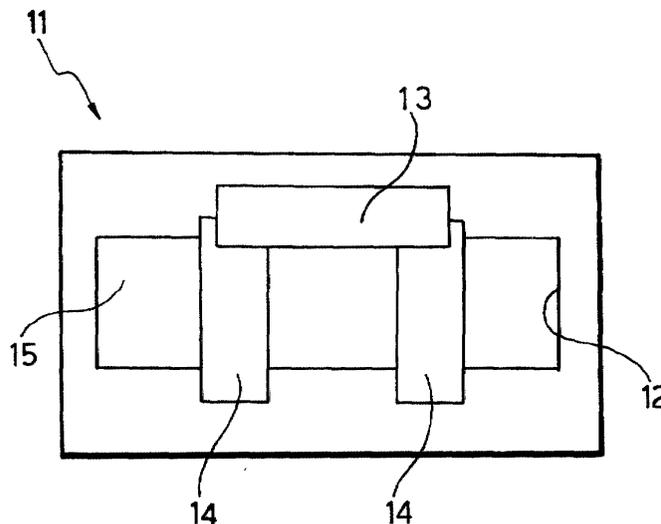
(74) Representative: **Notaro, Giancarlo et al**  
c/o Buzzi, Notaro & Antonielli d'Oulx srl,  
Corso Fiume 6  
10133 Torino (IT)

(54) **Double headlamp adaptive lighting device for motor-vehicles, having a variable diaphragm**

(57) An adaptive lighting device for motor-vehicles comprises a first headlamp (3) to generate a predetermined basic light beam, and a second headlamp (4)

having a variable diaphragm so as to be able to select a plurality of different additional light beams which are added to the basic light beam to generate different total light beams.

**FIG. 3**





European Patent  
Office

EUROPEAN SEARCH REPORT

Application Number  
EP 99 12 2137

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	US 5 436 807 A (KOBAYASHI SHOJI) 25 July 1995 (1995-07-25) * column 1, line 37 - line 62 * * column 3, line 1 - column 5, line 10 * * figures * ---	1-4	F21V14/00 F21S8/10 B60Q1/08 //F21W101:10
Y	DE 196 42 467 A (BOSCH GMBH ROBERT) 16 April 1998 (1998-04-16) * column 5, line 38 - column 6, line 43 * * figures 6,7 * ---	1-4	
A	US 4 458 303 A (BERNS MICHAEL S) 3 July 1984 (1984-07-03) * column 3, line 34 - column 4, line 4 * * figures 1-7 * ---	1	
A	US 4 890 208 A (IZENOUR GEORGE C) 26 December 1989 (1989-12-26) * column 6, line 5 - line 44 * * figure 5 * -----	2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F21M B60Q
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 July 2001	Examiner Clabaut, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 12 2137

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

12-07-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5436807 A	25-07-1995	DE 4314332 A GB 2266947 A,B	04-11-1993 17-11-1993
DE 19642467 A	16-04-1998	FR 2754500 A	17-04-1998
US 4458303 A	03-07-1984	NONE	
US 4890208 A	26-12-1989	NONE	