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(71) Applicant: **Barbolight, S.L.**
31192 Mutilva Baja Navarra (ES)

(72) Inventor: **Lopez Barbarin, Javier**
31192 Mutilva Baja (Navarra) (ES)

(74) Representative: **Cabinet Plasseraud**
52, rue de la Victoire
75440 Paris Cedex 09 (FR)

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(54) **Focusing device for the light beam in illumination elements with damp chamber**

(57) Focusing device for the light beam in illumination elements with damp chamber, of the type of illumination element, such as torches, which consists of a chamber with a fluid, such as ambient air or water, in such a way that the torch body (1) incorporates externally with respect to the light emitter (2) a hollow tubular body (4), axially displaceable, said hollow tubular body (4) holding

a plano-convex lens (3) and is connected to the ambient air or water chamber (6), the tubular body (4) including an axial slot (8) in which fits a projection (9) of the torch body (1) so that said axial displacement of the plano-convex focusing lens (5), mounted in the tubular body (4), provides a variable beam that can be adjusted to the needs of the user.

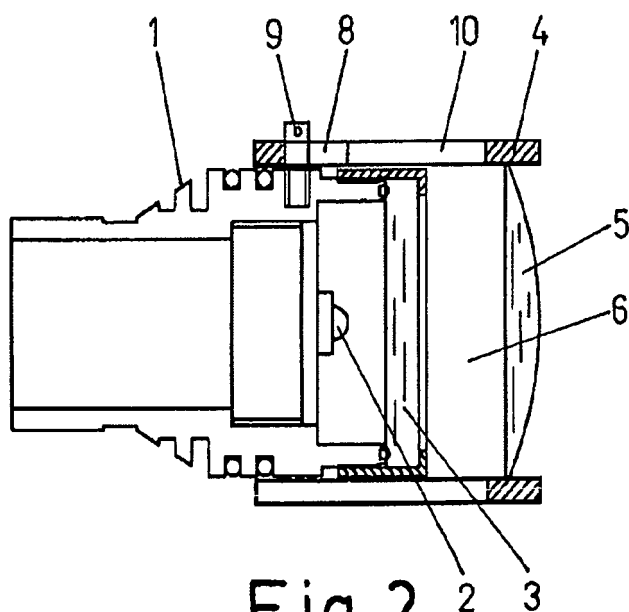


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2006/072885 A1 (FRAEN CORP S R L [IT]; ANGELINI MARCO [IT]; BIGLIATI CLAUDIA [IT]) 13 July 2006 (2006-07-13) * claims 1-2; figure 1 * -----	1-3	INV. F21L4/02 F21V14/06 B63C11/02
X	GB 416 101 A (FREDERICK JOHN MILLER) 13 September 1934 (1934-09-13) * figures 1-4 * -----	1-3	
			TECHNICAL FIELDS SEARCHED (IPC)
			F21L B63C
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 7 May 2012	Examiner Hulne, Serge
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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

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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
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07-05-2012

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WO 2006072885	A1	13-07-2006	NONE

GB 416101	A	13-09-1934	NONE

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82