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(54) **Modular emitter device and manufacturing method thereof**

(57) A modular emitter device that can be applied to lamps and similar products, comprising at least a source (2) emitting electromagnetic radiations provided with at least one LED and a lens associated to the same LED, support means (3) of the emitting source (2), an optical concentrator (8) for the emitting source (2), feeding means (7) of the emitting source (2) and is characterized in that the support means (3) comprise a covering element (6) making one piece with the optical concentrator (8). The emitting source (2) and the feeding means (7) are at least partially embedded inside the covering element (6) in order to make the device (1) substantially waterproof. The absence of electrical parts in direct contact with the outside makes the device substantially waterproof and allows using it in wet and humid environments or immersed into tanks of various kinds, such as swimming pools or aquaria.

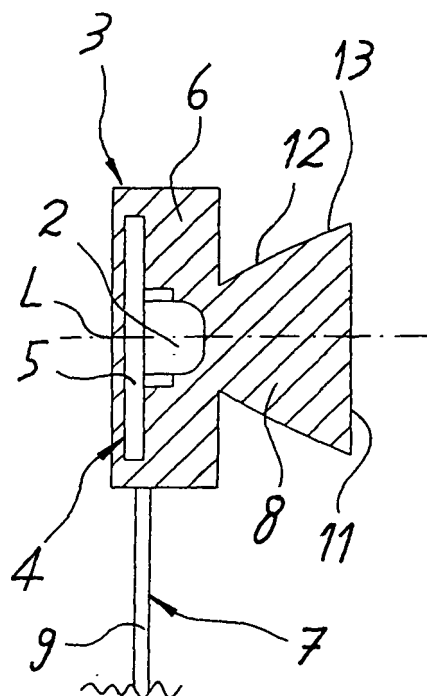


FIG. 2



EUROPEAN SEARCH REPORT

 Application Number
EP 04 00 1125

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The present search report has been drawn up for all claims			
3	Place of search Munich	Date of completion of the search 12 November 2008	Examiner Sauerer, Christof
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			

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EUROPEAN SEARCH REPORT

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<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
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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