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(72) Inventor: **Lin, Yuan**  
**Doncaster East,**  
**Victoria 3109 VIC (AU)**

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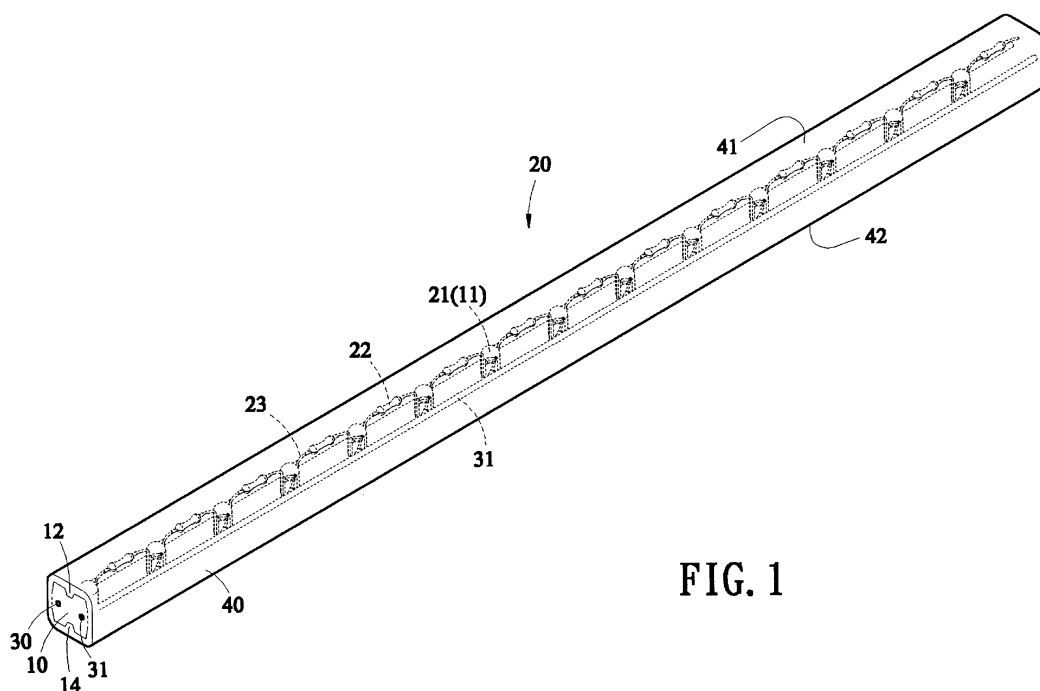
(74) Representative: **Pratt, David Martin et al**  
**Withers & Rogers LLP**  
**Goldings House,**  
**2 Hays Lane**  
**London SE1 2HW (GB)**

(71) Applicant: **Lin, Yuan**  
**Doncaster East,**  
**Victoria 3109 VIC (AU)**

(54) **Flexible rod light and manufacturing method thereof**

(57) Flexible rod light device and manufacturing method thereof are disclosed. The device comprises an inner layer (10) including a plurality of equally spaced apart dents (11) on a top groove (12); a string of LED lamps (20) comprising a plurality of series connected units each including a LED lamp (21), two bent conductor

sections (23) with the LED lamp (21) therein received, and a resistor (22) ; a pair of main wires (30,31) parallel disposed in the inner layer (10) proximate sides; and a jacket (40) wrapped up the inner layer (10) and the string of LED lamps (20). All LED lamps (21) are secured and have the same orientation for achieving an increased illumination.



**FIG. 1**

**EP 1 357 330 A3**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 03 25 2580

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 4 607 317 A (LIN ET AL) 19 August 1986 (1986-08-19) * column 2, lines 7-31 * * column 2, lines 55-63 * * figures 3,5,6 * -----	1,2	F21S4/00
A	US 2002/034074 A1 (CHEN W. T ET AL) 21 March 2002 (2002-03-21) * paragraph [0018] * * figure 1 * -----	2	
			TECHNICAL FIELDS SEARCHED (IPC)
			F21S H05K
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		6 March 2006	Amerongen, W
<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 ..... &amp; : 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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06-03-2006

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