

Title (en)  
Flexible rod light and manufacturing method thereof

Title (de)  
Flexible Beleuchtungsleiste und Verfahren zur deren Herstellung

Title (fr)  
Rampe d'éclairage flexible et méthode de fabrication

Publication  
**EP 1357330 A3 20060426 (EN)**

Application  
**EP 03252580 A 20030424**

Priority  
CN 02117199 A 20020425

Abstract (en)  
[origin: EP1357330A2] 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.

IPC 8 full level  
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CPC (source: EP US)  
**F21S 4/26** (2016.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)  
• [A] US 4607317 A 19860819 - LIN TA-YEH [TW]  
• [A] US 2002034074 A1 20020321 - CHEN W T [TW]

Cited by  
EP1643183A1; CN112805832A; US11967668B2; WO2020074252A1

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