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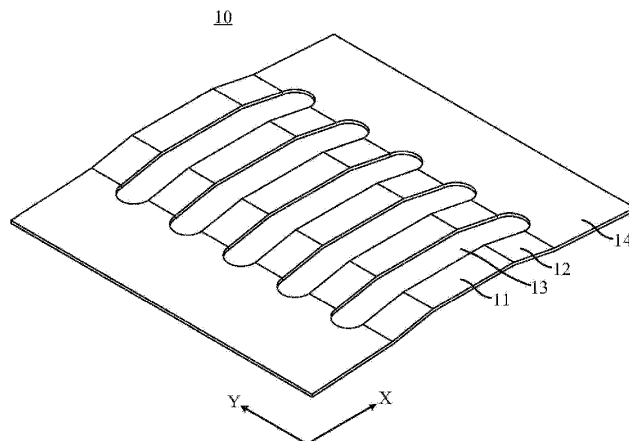
(71) 申请人: 苏州旭创科技有限公司 (INNOLIGHT TECHNOLOGY (SUZHOU) LTD.) [CN/CN]; 中国江苏省苏州市工业园区霞盛路 8 号, Jiangsu 215000 (CN)。旭创科技有限公司 (INNOLIGHT TECHNOLOGY PTE. LIMITED) [SG/SG]; 新加坡国际商业园 25 号德国中心 02-102, Singapore 609916 (SG)。

(72) 发明人: 呼春雪 (HU, Chunxue); 中国江苏省苏州市工业园区霞盛路 8 号, Jiangsu 215000 (CN)。鲁长武 (LU, Changwu); 中国江苏省苏州市工业园区霞盛路 8 号, Jiangsu 215000 (CN)。李安利 (LI, Anli); 中国江苏省苏州市工业园区霞盛路 8 号, Jiangsu 215000 (CN)。张晓龙 (ZHANG, Xiaolong); 中国江苏省苏州市工业园区霞盛路 8 号, Jiangsu 215000 (CN)。

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(54) Title: OPTICAL MODULE

(54) 发明名称: 一种光模块



[图3]

(57) Abstract: The present application provides an optical module. The optical module comprises: a housing assembly; an optical assembly, disposed in the housing assembly; and a heat dissipation elastic sheet, sandwiched between the optical assembly and the housing assembly. The heat dissipation elastic sheet comprises a heat dissipation portion, and the heat dissipation portion is in contact with the optical assembly. The heat dissipation elastic sheet further comprises a deformation portion, the deformation portion is connected to the heat dissipation portion, and the deformation portion is bent relative to the heat dissipation portion. The deformation portion is provided with a hollow area, so that the deformation portion can be bent and deformed. In this way, the heat dissipation elastic sheet of the present application is convenient for secondary disassembly and assembly, and can be in elastic contact with an element to be cooled, thereby avoiding adverse effects as much as possible on performance of the element to be cooled due to excessive stress of the element to be cooled.

[见续页]



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根据细则4.17的声明:

- 关于发明人身份(细则4.17(i))
- 关于申请人有权申请并被授予专利(细则4.17(ii))
- 发明人资格(细则4.17(iv))

本国际公布:

- 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本申请提供一种光模块。该光模块包括: 壳体组件; 光学组件, 设于壳体组件中; 散热弹片, 夹设于光学组件和壳体组件之间。该散热弹片包括散热部, 散热部接触光学组件。该散热弹片还包括形变部, 形变部连接散热部, 且形变部相对散热部弯折设置。其中, 形变部设有镂空区, 以使形变部能够弯曲变形。通过上述方式, 本申请散热弹片便于二次拆装, 且能够向待散热元件提供弹性接触, 尽可能避免待散热元件受力过大而对其性能造成不良影响。