

पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 13/2018

शुक्रवार

दिनांक: 30/03/2018

ISSUE NO. 13/2018

FRIDAY

DATE: 30/03/2018

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

30th MARCH 2018

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201641032882 A

(19) INDIA

(22) Date of filing of Application :27/09/2016

(43) Publication Date : 30/03/2018

(54) Title of the invention : METHOD AND APPARATUS OF THERMALLY COUPLED HEAT SINK

| | | |
|---|----------------|---|
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| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)Chandrashekhhar Patil |
| Filing Date | :NA | 2)Suma. M.S |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

ABSTRACT In one aspect, a heat sink for reducing heat in an electrical circuit comprises a base and a plurality of fins. The base makes a constant contact with the flat heat surface of electrical circuit on first side of heat sink. The fins are designed and constructed on top of base. In an embodiment, the plurality of fins which are arranged on base, are inclined to a particular angle to reduce the heat over the base. In another embodiment, the plurality of fins is etched with perforations to transfer the heat and to gradually spread the heat all over the heat sink. In yet another embodiment, plurality of fin perforations having a shape of circular, triangular, hexagonal, square and club.

No. of Pages : 22 No. of Claims : 9