

Title (en)

Plugging structure of electric connector

Title (de)

Steckerstruktur des elektrischen Verbinder

Title (fr)

Structure à fiche de connecteur électrique

Publication

EP 1615298 A1 20060111 (EN)

Application

EP 04015792 A 20040705

Priority

EP 04015792 A 20040705

Abstract (en)

A large-area heat dissipation structure has a thermal conducting member and a heat sink assembly. The thermal conducting member has a large-area thermal conductive plate and a thermal conductive base protruding from a lower surface of the large-area thermal conductive plate. The heat sink assembly has a plurality of fins mounted to an upper surface of the thermal conducting member. A plurality of support members extends downwardly from the lower surface of the large-area thermal conductive plate.

IPC 8 full level

H01R 12/08 (2006.01); **H01R 13/506** (2006.01)

CPC (source: EP)

H01R 13/506 (2013.01); **H01R 13/629** (2013.01)

Citation (search report)

- [X] DE 10345423 A1 20040415 - YAZAKI CORP TOKIO TOKYO [JP]
- [X] US 6126479 A 20001003 - LEE GEORGE [TW]
- [X] US 6179642 B1 20010130 - HWANG JENQ-YIH [US]
- [X] GB 2271475 A 19940413 - SUMITOMO WALL SYSTEMS LTD [JP]
- [X] US 2004102068 A1 20040527 - LAI SHIH-YUNG [TW], et al
- [A] US 6109975 A 20000829 - NITTA KAZUTO [JP]
- [A] US 6666706 B1 20031223 - JONES DENNIS B [US], et al
- [A] US 4484791 A 19841127 - JOHNSON HARDIE B [US]
- [A] US 4695258 A 19870922 - HANSON DANIEL R [US], et al

Cited by

CN112673618A; JPWO2020054267A1; EP3852351A4; US11483457B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1615298 A1 20060111

DOCDB simple family (application)

EP 04015792 A 20040705