

Title (en)

PLANAR HEAT SINK MADE OF HIGH THERMAL CONDUCTIVITY AND HIGH MECHANICAL STRENGTH COMPOSITE MATERIAL

Title (de)

PLANARE WÄRMESENKE AUS VERBUNDWERKSTOFF MIT HOHER WÄRMELEITFÄHIGKEIT UND HOHER MECHANISCHER FESTIGKEIT

Title (fr)

DISSIPATEUR THERMIQUE PLAN EN MATÉRIAU COMPOSITE À HAUTE CONDUCTIVITÉ THERMIQUE ET À HAUTE RÉSISTANCE MÉCANIQUE

Publication

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Application

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Abstract (en)

[origin: WO2018142298A1] Heat sink (1) made of composite material in the form of planar element characterized by a combination of unidirectional and thermally conductive reinforcing carbon fibers embedded in a polymer matrix composed of a thermosetting epoxy resin. The invention also relates to a process for manufacturing a heat sink made of a composite material and a combination of heat sink made of composite material with an electronic circuit specifically comprising a light source of LED type.

IPC 8 full level

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Citation (search report)

See references of WO 2018142298A1

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