

Title (en)

THERMAL SHIELD DEVICE, IN PARTICULAR THERMAL SHIELD DEVICE THAT CAN BE ADAPTED TO LOCALLY DIFFERENTLY OCCURRING THERMAL INPUTS PER SURFACE AREA

Title (de)

WÄRMEABSCHIRMVORRICHTUNG, INSBESONDERE AN LOKAL UNTERSCHIEDLICH AUFTRETENDE WÄRMEEINTRÄGE PRO FLÄCHE ANPASSBARE WÄRMEABSCHIRMVORRICHTUNG

Title (fr)

DISPOSITIF DE BLINDAGE THERMIQUE, EN PARTICULIER DISPOSITIF DE BLINDAGE THERMIQUE POUVANT ÊTRE ADAPTÉ À DES APPORTS DE CHALEUR SE FORMANT LOCALEMENT DE MANIÈRE DIFFÉRENTE PAR SURFACE

Publication

EP 3820741 A1 20210519 (DE)

Application

EP 19720055 A 20190408

Priority

- DE 102018116682 A 20180710
- EP 2019058825 W 20190408

Abstract (en)

[origin: WO2020011412A1] The invention relates to a thermal shield device having at least one planar shielding layer (2), wherein the thermal shield device (100) is configured and designed so as to be suitable for shielding a component or region to be protected from heat from a heat source (1), wherein a passive cooling module (200) is thermally conductively connected to the shielding layer (2) at at least one highly thermally loaded area (5) of the at least one shielding layer (2).

IPC 8 full level

B60R 13/08 (2006.01); **H01L 23/367** (2006.01)

CPC (source: EP US)

B60R 13/0876 (2013.01 - EP); **F28F 3/06** (2013.01 - US); **H01L 23/36** (2013.01 - EP); **H01L 23/4006** (2013.01 - EP)

Citation (search report)

See references of WO 2020011412A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020011412 A1 20200116; CN 112638716 A 20210409; DE 102018116682 A1 20200116; EP 3820741 A1 20210519; US 2021262742 A1 20210826

DOCDB simple family (application)

EP 2019058825 W 20190408; CN 201980042333 A 20190408; DE 102018116682 A 20180710; EP 19720055 A 20190408; US 201917254180 A 20190408