

Title (en)

DEVICE COMPRISING A COMPONENT AND A COUPLED COOLING BODY

Title (de)

VORRICHTUNG MIT BAUELEMENT UND ANGEKOPPELTEM KÜHLKÖRPER

Title (fr)

DISPOSITIF COMPRENANT UN COMPOSANT ET UN CORPS DE REFROIDISSEMENT COUPLÉ

Publication

EP 4214748 A1 20230726 (DE)

Application

EP 21805879 A 20211029

Priority

- EP 20214055 A 20201215
- EP 2021080154 W 20211029

Abstract (en)

[origin: WO2022128228A1] The invention relates to a device (1), comprising - a component (100), - a cooling body (200), and - a connecting element (300) which is arranged between the component (100) and the cooling body (200) and thermally connects the cooling body (200) to the component (100), - wherein the connecting element (300) has a porous connecting body (310), - wherein the pores (311) of the connecting body (310) are at least partially filled with a filler (320). The invention also relates to a method for producing such a device (1).

IPC 8 full level

H01L 23/373 (2006.01); **H01L 23/42** (2006.01)

CPC (source: EP US)

H01L 23/3733 (2013.01 - EP US); **H01L 23/3736** (2013.01 - EP); **H01L 23/42** (2013.01 - EP); **H01L 23/473** (2013.01 - US)

Citation (search report)

See references of WO 2022128228A1

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DOCDB simple family (publication)

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