

Title (en)

COOLING MODULE FOR A PLUG CONNECTOR PART, AND PLUG CONNECTOR PART

Title (de)

KÜHLMODUL FÜR EIN STECKVERBINDETEIL UND STECKVERBINDETEIL

Title (fr)

MODULE DE REFROIDISSEMENT POUR ÉLÉMENT DE CONNECTEUR À FICHE, ET ÉLÉMENT DE CONNECTEUR À FICHE

Publication

EP 4259474 A1 20231018 (DE)

Application

EP 21810591 A 20211111

Priority

- DE 102020132724 A 20201209
- EP 2021081344 W 20211111

Abstract (en)

[origin: WO2022122292A1] A cooling module (2) for a plug connector part (1) comprises: a main body (20) with a cavity (200) in which at least one terminal region (202; 202') for electrical contacting by an electrical load line (30) is formed; at least one opening (201) which opens into the cavity (200) and via which a coolant can flow through the cavity (200), and a mounting surface (204) for mounting an electrical load contact (10A, 10B).

IPC 8 full level

B60L 53/16 (2019.01); **B60L 53/10** (2019.01); **B60L 53/18** (2019.01); **B60L 53/302** (2019.01)

CPC (source: EP US)

B60L 53/10 (2019.01 - EP); **B60L 53/11** (2019.01 - EP); **B60L 53/16** (2019.01 - EP US); **B60L 53/18** (2019.01 - EP US); **B60L 53/302** (2019.01 - EP US); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 90/12** (2013.01 - EP); **Y02T 90/14** (2013.01 - EP)

Citation (search report)

See references of WO 2022122292A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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