

Title (en)

DRIVE HAVING A COOLED TERMINAL BOX

Title (de)

ANTRIEB MIT GEKÜHLTEN ANSCHLUSSKASTEN

Title (fr)

UNITÉ DOTÉE D'UNE BOÎTE À BORNES REFROIDIE

Publication

EP 4150744 A1 20230322 (DE)

Application

EP 21722819 A 20210428

Priority

- DE 102020002929 A 20200515
- EP 2021061168 W 20210428

Abstract (en)

[origin: WO2021228555A1] The invention relates to a terminal box comprising a drive, wherein the terminal box has a lower part (1) and a cover part (2) connected to the lower part (1). A power module is situated on a circuit board stack (22) and connected to a cooling plate (20). The cooling plate (20) is also connected to a holding part (21) which is situated so as to be pressed towards the cover part (2) by at least one spring part (51) supported on the lower part (1).

IPC 8 full level

H02K 5/22 (2006.01); **H05K 7/20** (2006.01)

CPC (source: EP)

H02K 5/225 (2013.01); **H05K 5/0082** (2013.01); **H05K 7/2049** (2013.01); **H05K 7/209** (2013.01)

Citation (search report)

See references of WO 2021228555A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021002237 A1 20211118; CN 115668704 A 20230131; EP 4150744 A1 20230322; WO 2021228555 A1 20211118

DOCDB simple family (application)

DE 102021002237 A 20210428; CN 202180035350 A 20210428; EP 2021061168 W 20210428; EP 21722819 A 20210428