

Title (en)
HVAC MODULE AND HVAC SYSTEM COMPRISING SUCH MODULE

Title (de)
HLK-MODUL UND HLK-SYSTEM MIT SOLCH EINEM MODUL

Title (fr)
MODULE CVC ET SYSTÈME CVC COMPRENANT UN TEL MODULE

Publication
EP 4337480 A1 20240320 (EN)

Application
EP 22728549 A 20220510

Priority

- EP 21173089 A 20210510
- EP 22152292 A 20220119
- EP 2022062679 W 20220510

Abstract (en)
[origin: WO2022238428A1] The present invention relates to a HVAC module for a vehicle, comprising a body housing an air passage between an air inlet and an air outlet, air blowing means for directing air from the air inlet towards the air outlet, and air temperature adjusting means for heating and cooling the air flowing in the air passage. The air temperature adjusting means comprise one main heat exchanger located in the air passage and fed by at least one heat transfer fluid circuit, and the main heat exchanger is configured to be reversibly switched between a cooling mode and a heating mode.

IPC 8 full level
B60H 1/00 (2006.01); **B60H 1/03** (2006.01); **B60H 1/08** (2006.01); **B60H 1/22** (2006.01); **B60H 1/32** (2006.01)

CPC (source: EP)
B60H 1/00042 (2013.01); **B60H 1/00885** (2013.01); **B60H 1/32281** (2019.05)

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)
WO 2022238428 A1 20221117; CN 115605362 A 20230113; EP 4337480 A1 20240320

DOCDB simple family (application)
EP 2022062679 W 20220510; CN 202280003534 A 20220510; EP 22728549 A 20220510