

Title (en)
A HEAT EXCHANGE ASSEMBLY

Title (de)
WÄRMETAUSCHERANORDNUNG

Title (fr)
ENSEMBLE ÉCHANGEUR THERMIQUE

Publication
EP 4148369 A1 20230315 (EN)

Application
EP 21195562 A 20210908

Priority
EP 21195562 A 20210908

Abstract (en)
A heat exchanger assembly (200) includes a first and a second heat exchanger (10a) and (10b), a bottle (50) and a connection system (100) configured to provide a fluidal communication between the first and the second heat exchanger (10a) and (10b). The connection system (100) includes a connection block (20) with a first and a second opening (22a) and (22b). The first opening (22a) receives fluid from the first heat exchanger (10a) and the second opening (22b) delivers fluid to the second heat exchanger (10b). The connection block (20) includes an intermediate portion (20c) that includes a delivery plug (30a) for fluid communication between the first opening (22a) and the bottle (50) and a collection plug (30b) for fluid communication between the bottle (50) and the second opening (22b), so that the fluidal communication between the first opening (22a) and the second opening (22b) is provided via the bottle (50).

IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)

- [X] FR 3096447 A1 20201127 - VALEO SYSTEMES THERMIQUES [FR]
- [A] WO 2014103639 A1 20140703 - CALSONIC KANSEI CORP [JP]
- [A] KR 20120074052 A 20120705 - HALLA CLIMATE CONTROL CORP [KR]
- [A] FR 3100318 A1 20210305 - VALEO SYSTEMES THERMIQUES [FR]

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

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