

Title (en)
Heat transfer device for a vehicle

Title (de)
Vorrichtung zur Wärmeübertragung für ein Fahrzeug

Title (fr)
Dispositif de transfert thermique pour un véhicule

Publication
EP 2476975 A3 20140903 (DE)

Application
EP 12150889 A 20120112

Priority
DE 102011008429 A 20110112

Abstract (en)
[origin: EP2476975A2] The heat transfer apparatus has a capacitor (102) for condensing a refrigerant, a flow channel for passing the refrigerant and another flow channel for conducting fluid. The flow channels are arranged, so that heat energy transfer between the refrigerant and fluid is enabled. A volume element (104) e.g. battery for storing the refrigerant in fluid state, is connected to flow channel for passing refrigerant, and is integrally connected to the capacitor.

IPC 8 full level
F25B 39/04 (2006.01); **F25B 40/02** (2006.01)

CPC (source: EP)
F25B 39/04 (2013.01); **F28D 9/005** (2013.01); **F28D 9/0093** (2013.01); **F25B 40/02** (2013.01); **F25B 2339/044** (2013.01); **F25B 2339/047** (2013.01); **F28F 2280/06** (2013.01)

Citation (search report)

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- [A] FR 2924490 A1 20090605 - VALEO SYSTEMES THERMIQUES [FR]
- [A] WO 2008139343 A1 20081120 - ZILMET SPA [IT], et al
- [A] WO 2007043078 A1 20070419 - ZILMET S P A [IT], et al

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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

DOCDB simple family (publication)
EP 2476975 A2 20120718; EP 2476975 A3 20140903; EP 2476975 B1 20190626; DE 102011008429 A1 20120712

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