

Title (en)

Vaporiser component, in particular for a vehicle heating device

Title (de)

Verdampferbaugruppe, insbesondere für ein Fahrzeugheizgerät

Title (fr)

Composant d'évaporateur, en particulier pour un appareil de chauffage de véhicule

Publication

EP 2009352 A3 20110330 (DE)

Application

EP 08009102 A 20080516

Priority

DE 102007029202 A 20070625

Abstract (en)

[origin: EP2009352A2] The vaporizer unit (10) has a porous vaporizer medium (18) provided in a carrier (12). A fuel supply line (26) supplies liquid fuel into the vaporizer medium, through an opening in the carrier. A temporary storage volume (34) is formed partially in the vaporizer medium for receiving the liquid fuel from the supply line and for transferring the liquid fuel into the vaporizer medium. The vaporizer medium has a smaller porosity in a surface area (36) lying opposite to a discharge opening of the supply line, than in a surface area (40) of the medium provided for discharging the vaporized fuel.

IPC 8 full level

F23D 3/40 (2006.01)

CPC (source: EP)

F23D 3/40 (2013.01); **F23D 2900/05002** (2013.01)

Citation (search report)

- [XA] DE 2129663 A1 19711230 - BAHCO VENTILATION AB
- [XA] US 2007134607 A1 20070614 - CHEN KUO-TUNG [TW]
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- [X] EP 0389807 A2 19901003 - WEBASTO AG FAHRZEUGTECHNIK [DE]
- [A] US 4889481 A 19891226 - MORRIS JEFFREY R [US], et al
- [A] DE 29512434 U1 19951012 - EBERSPAECHER J [DE]
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Cited by

CN104654293A; US2018094806A1; US10684008B2; US9897311B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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