

Title (en)

Evaporator Arrangement, particularly for a Car Heating Appliance or for a Reformer

Title (de)

Verdampferanordnung, insbesondere für ein Fahrzeugheizgerät oder einen Reformer

Title (fr)

Evaporateur, en particulier pour un dispositif de chauffage de voiture ou pour un réformeur

Publication

**EP 1647769 A1 20060419 (DE)**

Application

**EP 05020241 A 20050916**

Priority

DE 102004050361 A 20041015

Abstract (en)

Vaporizer comprises a housing (12) surrounding a vaporization chamber (18) containing a porous medium (30) and having a liquid inlet (38). The porous medium is in two zones (32, 34) separated by a flow barrier (36). Independent claims are also included for: (1) motor vehicle heater comprising a vaporizer as above for producing and burning a fuel/air mixture; (2) reformer comprising a vaporizer as above for producing a hydrocarbon/air mixture for hydrogen production.

IPC 8 full level

**F23D 3/40** (2006.01)

CPC (source: EP)

**F23D 3/40** (2013.01)

Citation (applicant)

DE 19529994 A1 19960515 - EBERSPAECHER J [DE]

Citation (search report)

- [X] DE 10244812 A1 20040415 - EBERSPAECHER J GMBH & CO [DE]
- [A] DE 10255361 B3 20040617 - EBERSPAECHER J GMBH & CO [DE]
- [A] EP 0377797 A2 19900718 - WEBASTO AG FAHRZEUGTECHNIK [DE]
- [DA] DE 19529994 A1 19960515 - EBERSPAECHER J [DE]

Cited by

DE102006024221A1; US7661661B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 102004050361 B3 20060330**; EP 1647769 A1 20060419; EP 1647769 B1 20091202; PL 1647769 T3 20100531

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