

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 B1 20091202 (DE)

Application

EP 05020241 A 20050916

Priority

DE 102004050361 A 20041015

Abstract (en)

[origin: DE102004050361B3] 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)

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Cited by

DE102006024221A1; US7661661B2

Designated contracting state (EPC)

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

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