

Title (en)

Vaporiser component, in particular for a vehicle heating device or a reformer assembly for a fuel cell system

Title (de)

Verdampferbaugruppe, insbesondere für ein Fahrzeugheizgerät oder eine Reformeranordnung eines Brennstoffzellensystems

Title (fr)

Composant d'évaporateur, en particulier pour un appareil de chauffage de véhicule ou un dispositif de réformateur de carburant d'un système à cellules combustibles

Publication

EP 1860379 B1 20110817 (DE)

Application

EP 07010216 A 20070522

Priority

DE 102006024221 A 20060523

Abstract (en)

[origin: EP1860379A2] The component (10) has a wall arrangement (12) enclosing a vaporiser chamber (20) and provided with a peripheral wall (14) and a base wall (16), and an air discharging attachment piece extending in the direction of a wall longitudinal axis (L). The attachment piece has a set of air discharging openings and is provided at the peripheral wall, and a porous vaporiser medium is provided at a side facing the vaporiser chamber. An additional air opening arrangement (34) is provided with one of the air discharging openings in the wall arrangement.

IPC 8 full level

F23D 3/22 (2006.01); **F23D 3/40** (2006.01); **F23D 11/40** (2006.01); **F23D 11/44** (2006.01); **F23L 1/00** (2006.01)

CPC (source: EP US)

F23D 3/22 (2013.01 - EP US); **F23D 3/40** (2013.01 - EP US); **F23D 11/404** (2013.01 - EP US); **F23D 11/445** (2013.01 - EP US); **F23L 1/00** (2013.01 - EP US); **F23L 9/00** (2013.01 - EP); **F23C 2900/99009** (2013.01 - EP US); **F23D 2900/21002** (2013.01 - EP); **Y10S 261/65** (2013.01 - EP); **Y10S 261/83** (2013.01 - EP)

Cited by

CN106133443A; DE102014103812A1; US10234136B2; US10302298B2; WO2021130000A1; WO2015139684A1; US10113742B2; US10544935B2

Designated contracting state (EPC)

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