

Title (en)

Vaporiser component, in particular for a vaporiser burner of a vehicle heater

Title (de)

Verdampferbaugruppe, insbesondere für einen Verdampferbrenner eines Fahrzeugheizgerätes

Title (fr)

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

Publication

EP 1978302 A2 20081008 (DE)

Application

EP 08005168 A 20080319

Priority

DE 102007016306 A 20070404

Abstract (en)

The assembly has a pot-like evaporator medium carrier (12) and a porous evaporator medium (18) that is fastened to surfaces (24, 26) of the evaporator medium carrier by a laminar soldering joint. The evaporator medium carrier is formed with a bottom wall (14) and a peripheral wall (16), and the laminar soldering joint includes an entire abutment region of the porous evaporator medium on the surface (24) of the bottom wall. The pot-like evaporator medium carrier and a porous evaporator medium are made of metallic and non-metallic material, and ceramic material. An independent claim is also included for a method for producing an evaporator assembly for an evaporator burner of a vehicle heater.

Abstract (de)

Eine Verdampferbaugruppe, insbesondere für einen Verdampferbrenner eines Fahrzeugheizgerätes, umfasst einen topfartigen Verdampfermediumträger (12) sowie ein poröses Verdampfermedium (18), wobei das poröse Verdampfermedium (18) an eine Oberfläche (24, 26) des Verdampfermediumträgers durch eine flächige Lötverbindung (30) angebunden ist.

IPC 8 full level

F23D 3/40 (2006.01); **B23K 1/00** (2006.01)

CPC (source: EP)

F23D 3/40 (2013.01); **F23D 2212/10** (2013.01); **F23D 2212/20** (2013.01)

Citation (applicant)

- US 3573033 A 19710330 - BOUCHET JEAN
- US 3302704 A 19670207 - VALYI EMERY I

Cited by

CN103534528A; DE102009003363B4; US10101026B2; DE102016109369B4; WO2011028188A1; WO2012155897A1

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)

EP 1978302 A2 20081008; **EP 1978302 A3 20081210**; **EP 1978302 B1 20130102**; DE 102007016306 A1 20081009

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