

Title (en)
Vaporizing burner

Title (de)
Verdampferbrenner

Title (fr)
Brûleur à vaporisation

Publication
EP 1522788 B1 20140507 (DE)

Application
EP 04012271 A 20040524

Priority
DE 10346558 A 20031007

Abstract (en)
[origin: DE10346558B3] The vapor burner has an ignition heating device (50) for ignition of a fuel vapor/air mixture contained within a combustion chamber (38) and a pre-heating device (52), with at least one Peltier element (54), used for pre-heating the fuel medium, the fuel vapor and/or the combustion air supplied to the combustion chamber. An independent claim for an operating method for a vapor burner is also included.

IPC 8 full level
F23M 20/00 (2014.01); **F23D 3/40** (2006.01)

CPC (source: EP)
F23D 3/40 (2013.01); **F23M 20/00** (2015.01); **F23M 2900/13003** (2013.01)

Citation (examination)

- US 2879837 A 19590331 - DOWNS EDGAR S
- DE 3538201 A1 19860814 - WEBASTO WERK BAIER KG W [DE]
- DE 19848149 A1 20000504 - WEBASTO THERMOSYSTEME GMBH [DE]

Cited by
WO2013017127A1

Designated contracting state (EPC)
CZ DE SE

DOCDB simple family (publication)
DE 10346558 B3 20050317; EP 1522788 A2 20050413; EP 1522788 A3 20081112; EP 1522788 B1 20140507

DOCDB simple family (application)
DE 10346558 A 20031007; EP 04012271 A 20040524