

Title (en)
Vaporizing burner

Title (de)
Verdampferbrenner

Title (fr)
Brûleur à vaporisation

Publication
EP 1522788 A3 20081112 (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
F23D 3/40 (2006.01); **F23M 20/00** (2014.01)

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

Citation (search report)

- [YD] DE 10130638 A1 20030102 - EBERSPAECHER J GMBH & CO [DE]
- [Y] DE 4210699 A1 19931007 - U T S UHRENTTECHNIK SCHWARZWALD [DE]
- [A] DE 19900295 A1 20000713 - IRT INNOVATIVE RECYCLING TECHN [DE]

Cited by
WO2013017127A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

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