



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
02.12.2020 Bulletin 2020/49

(51) Int Cl.:
F23D 14/10 ^(2006.01) **F23D 14/64** ^(2006.01)
F23D 14/48 ^(2006.01)

(43) Date of publication A2:
28.10.2020 Bulletin 2020/44

(21) Application number: **20170876.5**

(22) Date of filing: **22.04.2020**

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**
Designated Extension States:
BA ME
Designated Validation States:
KH MA MD TN

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(30) Priority: **25.04.2019 US 201916393989**

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(54) **GAS BURNER BAR WITH FUEL INJECTOR FIXATION**

(57) Improvements for a gas burner bar are provided utilizing reduced parts, easier assembly, and greater reliability. In one or more implementations a portion of an air shutter (40) is disposed between two parts of an in-

jector assembly (50): an injector (80) and an injector fitting (70). Assembly in this manner results in proper alignment of the injector assembly (50) thus negating problems that arise with misalignment.

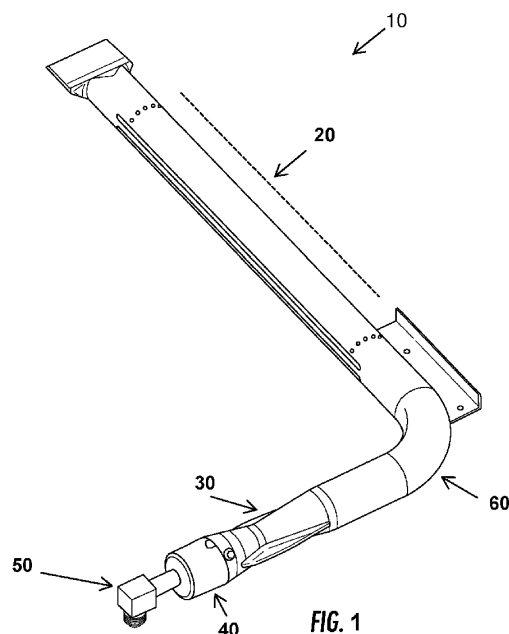


FIG. 1



PARTIAL EUROPEAN SEARCH REPORT

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of
subsequent proceedings, as the European search report

EP 20 17 0876

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2003/145848 A1 (BUTLER GARY LEE [US] ET AL) 7 August 2003 (2003-08-07) * paragraphs [0034], [0035], [0038], [0039] * * figures 1-3, 9, 10 *	1-13	INV. F23D14/10 F23D14/64 F23D14/48
X	DE 12 89 003 B (HALLER MEURER WERKE AG) 13 February 1969 (1969-02-13) * paragraphs [0007] - [0010] * * figures 1, 2 *	1-13	
A	EP 3 156 724 A1 (WEBER-STEPHEN PRODUCTS LLC [US]) 19 April 2017 (2017-04-19) * paragraphs [0034], [0035], [0040] - [0042] * * figures 2, 8 *	1-5,7-9	
			TECHNICAL FIELDS SEARCHED (IPC)
			F23D

INCOMPLETE SEARCH

The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.

Claims searched completely :

Claims searched incompletely :

Claims not searched :

Reason for the limitation of the search:

see sheet C

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Place of search	Date of completion of the search	Examiner
Munich	20 October 2020	Vogl, Paul
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document		

EPO FORM 1503 03 82 (P04E07)

**INCOMPLETE SEARCH
SHEET C**Application Number
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Claim(s) completely searchable:
1-13

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Claim(s) not searched:
14, 15

Reason for the limitation of the search:

15

The search has been restricted to the subject-matter (claim 1 and its respective dependent claims 2-13) indicated by the applicant in his letter filed on 25-09-2020 in reply to the invitation pursuant to Rule 62a(1).

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

20-10-2020

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