

Figure 4



EUROPEAN SEARCH REPORT

Application Number
EP 13 16 4657

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| 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,D | US 2002/045142 A1 (REPPER PIERRE P [CA] ET AL) 18 April 2002 (2002-04-18) * abstract; claim 54; figure 1 * | 1 | INV. F23N1/00 F24C7/08 |
| X | WO 2009/060606 A1 (PANASONIC CORP [JP]; OGASAWARA FUMITAKA; TOMINAGA HIROSHI; ISODA KEIKO) 14 May 2009 (2009-05-14) * abstract; figures 1-10 * | 1 | |
| X | EP 2 469 172 A2 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 27 June 2012 (2012-06-27) * abstract; figure 1 * | 1 | |
| X | US 6 198 080 B1 (RICE STEVEN ANDREW [US] ET AL) 6 March 2001 (2001-03-06) * abstract; figures 1-3 * | 1 | |
| X | US 2010/020534 A1 (ISODA KEIKO [JP] ET AL) 28 January 2010 (2010-01-28) * abstract; figures 1-8 * | 1 | |
| | | | TECHNICAL FIELDS SEARCHED (IPC) |
| | | | F23N F24C |
| <p>3 The present search report has been drawn up for all claims</p> | | | |
| Place of search | | Date of completion of the search | Examiner |
| The Hague | | 15 August 2017 | Munteh, Louis |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> | | | |

EPO FORM 1503 03/82 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

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☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).

**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claim: 1

The independent claim 1 relates to a touch-sensitive gas control system comprising specific features.

2. claim: 2

The independent claim 2 relates to a cam gas tap comprising specific features.

3. claims: 3-8

The independent claim 3 (and therefore claims 4-8 which are dependent on claim 3) relate to a gearbox comprising specific features.

4. claims: 9-15

The independent claim 9 (and therefore claims 10-15 which are dependent on claim 9) relate to a gear comprising specific features.

5. claims: 16-26

The independent claim 16 (and therefore claims 17-26 which are dependent on claim 16) relate to a pinion comprising specific features.

6. claims: 27-32

Independent Claim 27 (and therefore claims 28-32 which are dependent of claim 27) relate to a gear system cover having specific features.

**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.

15-08-2017

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