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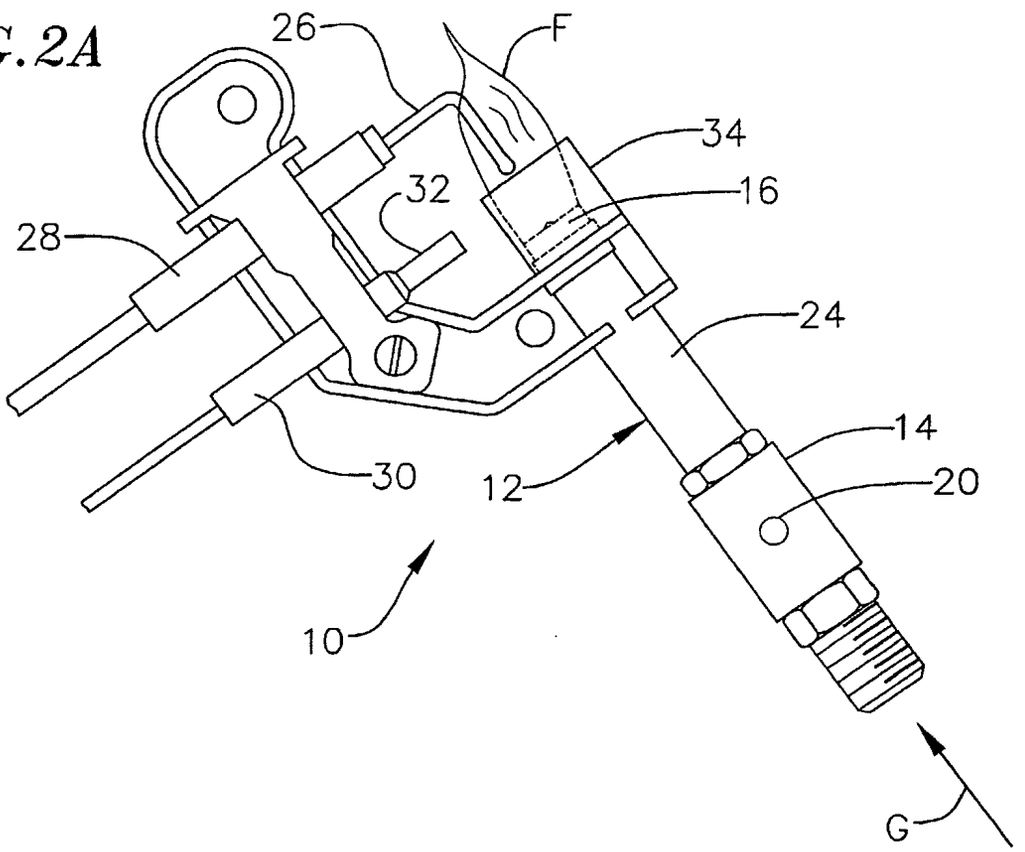
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(54) Gas pilot system and method having improved oxygen level detection capability and gas fueled device including the same

(57) A pilot system including a pilot including a nozzle (16) and a sensor (30, 54 or 64) adjacent to the nozzle that determines whether or not the pilot flame is in a predetermined position relative to the nozzle.

FIG. 2A



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EUROPEAN SEARCH REPORT

Application Number
EP 02 00 9599

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 3 963 410 A (BAYSINGER ROBERT L) 15 June 1976 (1976-06-15) * column 2, line 17 - line 64; figures *	1-4	F23N5/08 F23N5/12 F23N5/14 F23D14/72
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TECHNICAL FIELDS SEARCHED (Int.Cl.7)

F23N
F23D

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	29 November 2004	Kooijman, F

CATEGORY OF CITED DOCUMENTS

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