

⑫

EUROPEAN PATENT APPLICATION

⑳ Application number: **81304774.3**

⑤① Int. Cl.³: **F 23 D 13/10, F 23 D 13/36,**
F 24 C 3/10

㉔ Date of filing: **14.10.81**

③① Priority: **14.10.80 GB 8033111**
28.09.81 GB 8129250

⑦① Applicant: **GEO. BRAY & CO. LIMITED, Education Road,**
Leeds LS7 2AN West Yorkshire (GB)

④③ Date of publication of application: **02.06.82**
Bulletin 82/22

⑦② Inventor: **Jewitt, Cecil William, 44 The Whartons, Otley**
Yorkshire (GB)

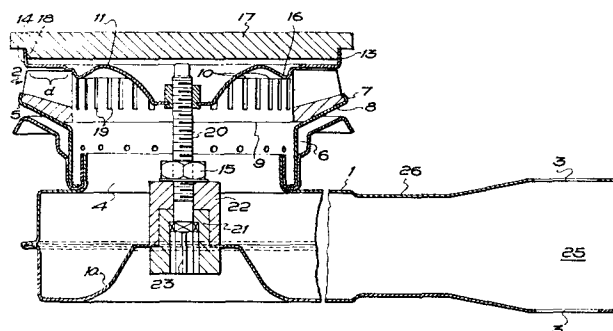
⑧④ Designated Contracting States: **AT BE CH DE FR GB IT**
LI LU NL SE

⑧⑧ Date of deferred publication of search
report: **11.08.82 Bulletin 82/32**

⑦④ Representative: **Denmark, James, c/o Bailey Waish &**
Co. 5 York Place, Leeds LS1 2SD Yorkshire (GB)

⑤④ **Spark ignition gas burner.**

⑤⑦ A gasburner head (2) comprises a body (9) of electrically insulating material made of at least 75–98% alumina. The gasburner head (2) also comprises at least one pair of electrodes (5, 13) spaced apart by said body (9) and providing a spark gap therebetween. The body comprises a plurality of passageways (10) for the passage of a combustible air-gas mixture therethrough and each terminates in a flameport (19). The electrodes (5, 13) are so positioned that a spark may be produced in the vicinity of any of the said ports (19).





European Patent
Office

EUROPEAN SEARCH REPORT

0052934

Application Number

EP 81 30 4774

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. ³)
Y	NL-A-7 808 145 (PELGRIM BV) *Figures 1,2; page 1, lines 1-5, lines 15-23; page 2, lines 5-21*	1,2,3, 5,8	F 23 D 13/10 F 23 D 13/36 F 24 C 3/10
Y	GB-A-1 543 618 (SHIU KUMAR SOOD) *Figure 1; page 1, lines 45-53; page 2, lines 60-70*	1,2,3, 5,8	
A	DE-A-1 529 135 (E.FRANK) *Page 1, lines 1-6; page 6, line 30 - page 7, line 1; page 7, lines 8-24, page 8, lines 3-8; figures 4,5*	1,3,4, 5,6,8	
A	GB-A-1 521 481 (F.SPRUCE K. TIREBUCK) *Figure 4; page 1, lines 15-24, lines 82-86*	7	TECHNICAL FIELDS SEARCHED (Int. Cl. ³) F 23 D F 24 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 03-05-1982	Examiner DIJKSTRA G.
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			