

Title (en)  
Gasmanifold for a Multistage Burner

Title (de)  
Gasverteilerrohr für einen mehrstufigen Brenner

Title (fr)  
Conduit de distribution pour un brûleur multiétagé

Publication  
**EP 1484555 A1 20041208 (DE)**

Application  
**EP 04012411 A 20040526**

Priority  
• AT 11972003 A 20030729  
• AT 11982003 A 20030729  
• DE 10325674 A 20030603  
• DE 10325677 A 20030603

Abstract (en)  
The gas fitting (4) is for a burner supplied with fuel-air mixture. The gas fitting has one combustion gas input (41) and at least two combustion gas outputs (42, 43). Each combustion gas output has a valve body (47, 49) by means of which they can be individually shut off from the output valves. At least one of these comes before the outputs.

Abstract (de)  
Verteilerrohr (10) für einen mit einem Brennstoff-Luft-Gemisch gespeister Brenner, wobei das Verteilerrohr (10) mindestens zwei Gasleitungen (11, 12) enthält. <IMAGE>

IPC 1-7  
**F23N 1/00**; **F23K 5/00**; **F23D 14/04**

IPC 8 full level  
**F23D 14/04** (2006.01); **F23K 5/00** (2006.01); **F23N 1/00** (2006.01)

CPC (source: EP)  
**F23D 14/045** (2013.01); **F23K 5/007** (2013.01); **F23N 1/007** (2013.01)

Citation (applicant)  
• FR 2800848 A1 20010511 - VERGNE INNOVATION [FR]  
• JP S58221315 A 19831223 - MATSUSHITA ELECTRIC IND CO LTD  
• DE 19605508 A1 19970821 - VIESSMANN WERKE KG [DE]

Citation (search report)  
• [X] FR 2800848 A1 20010511 - VERGNE INNOVATION [FR]  
• [X] GB 2201765 A 19880907 - SHI WIN JON  
• [X] GB 962187 A 19640701 - R & A MAIN LTD  
• [X] FR 1428857 A 19660218 - BERTONCINI OFF  
• [X] DE 19605508 A1 19970821 - VIESSMANN WERKE KG [DE]  
• [A] DE 10029234 A1 20011025 - KRESEL ROLF [DE]  
• [X] PATENT ABSTRACTS OF JAPAN vol. 0080, no. 76 (M - 288) 9 April 1984 (1984-04-09)

Cited by  
CN114033582A; US2022390028A1; US12066116B2; EP3469262A4; AU2017286560B2; WO2017218695A1; US10920980B2; US11835229B2

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