

Title (en)
Gasburner.

Title (de)
Gasbrenner.

Title (fr)
Brûleur à gaz.

Publication
EP 0172945 A1 19860305 (EN)

Application
EP 84201223 A 19840824

Priority
EP 84201223 A 19840824

Abstract (en)
The burner has a gas outflow aperture pattern improving the penetration of secondary air to the apertures, as well as small round apertures (7) as auxiliary gas structure. The pattern has longitudinal rows of slots (6) alternating with shorter slots (8) or round apertures (7) (Fig. 3, 4), or so alternating in pairs (figure 5). Also transversely adjacent longitudinal rows have a phase shift such that no slots are directly successive in the transverse direction.

IPC 1-7
F23D 14/10; **F23D 14/58**

IPC 8 full level
F23D 14/10 (2006.01); **F23D 14/58** (2006.01)

CPC (source: EP)
F23D 14/105 (2013.01); **F23D 14/58** (2013.01)

Citation (search report)
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• [Y] GB 1117749 A 19680626 - VAILLANT JOH KG
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US2013101948A1; EP0472270A1; AT396819B; EP1840460A1; DE29510374U1; AT399925B; GB2266585A; EP1840461A1; US5839891A

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