

Title (en)
Gas burner

Title (de)
Gasbrenner

Title (fr)
Brûleur à gaz

Publication
EP 0698766 A3 19960904 (EN)

Application
EP 95305876 A 19950822

Priority
• GB 9417292 A 19940826
• GB 9500777 A 19950116
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Abstract (en)
[origin: EP0698766A2] A gas burner for a domestic boiler which substantially reduces resonant noise generation during burner ignition, has a perforated inner wall (5) with a greater flow resistance than a perforated outer wall (4), the high flow resistance of the inner wall preventing transmission of pressure pulses sufficient to cause troublesome noise generation through into the main volume of the burner. <MATH>

IPC 1-7
F23D 14/58

IPC 8 full level
F23D 14/30 (2006.01); **F23D 14/36** (2006.01); **F23D 14/46** (2006.01); **F23D 14/58** (2006.01)

CPC (source: EP)
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Citation (search report)
• [X] EP 0309838 A1 19890405 - RUHRGAS AG [DE]
• [A] EP 0378272 A2 19900718 - BEST WILLIE H
• [A] GB 431335 A 19350701 - PAUL BORNKESSEL
• [A] EP 0472270 A1 19920226 - FURIGAS UK LTD [GB]

Cited by
ITMI20110390A1; CN103443544A; EP1498658A1; GB2404008A; ES2293768A1; EP0864813A1; NL1005494C2; ITVI20110181A1; IT202000002209A1; EP0816758A1; NL1003311C2; ITMI20102181A1; CN103299130A; US2013302741A1; WO2012123805A1; WO2012069970A1; WO2023057937A1

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