

Title (en)
Compact gas burner with internal flame

Title (de)
Kompakter Gasbrenner mit inneren Flammen

Title (fr)
Brûleur à gaz à flamme interne, de compacité élevée

Publication
EP 1431658 B1 20101110 (FR)

Application
EP 03292923 A 20031125

Priority
FR 0216041 A 20021217

Abstract (en)
[origin: EP1431658A1] The burner has a depression tube (2) stretching longitudinally following an axis approximately in a median plane of an annular distribution chamber (5) that mixes the combustible air and the gas. The tube has a length exactly equal to the double of the distance (R) separating an internal edge (51) of the chamber from the center (50) of the chamber.

IPC 8 full level
F23D 14/06 (2006.01); **F24C 3/08** (2006.01)

CPC (source: EP US)
F23D 14/06 (2013.01 - EP US); **F24C 3/085** (2013.01 - EP US)

Cited by
AU2009262766B2; US8616193B2; WO2009158237A3; WO2010006598A3

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DOCDB simple family (publication)
EP 1431658 A1 20040623; EP 1431658 B1 20101110; AT E487911 T1 20101115; CA 2453007 A1 20040617; CA 2453007 C 20120417; DE 60334883 D1 20101223; ES 2355210 T3 20110323; FR 2848642 A1 20040618; FR 2848642 B1 20050805; US 2004195399 A1 20041007; US 7083123 B2 20060801

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