

Title (en)

GAS BURNER, PARTICULARLY FOR LIQUID GAS, TO BE MOUNTED IN A HEAT EXCHANGER

Publication

EP 0132831 B1 19871119 (DE)

Application

EP 84108730 A 19840724

Priority

DE 3327140 A 19830727

Abstract (en)

[origin: EP0132831A2] 1. Gas burner, particularly for liquid gas, to be mounted vertically in a heat exchanger, particularly for room heating apparatuses, having a flame tube (35), a burner tip (1) being mounted coaxially in the flame tube (35), mixing tube (8, 20) being connected to the burner tip and having an orifice (10, 21) for the primary air, a gas nozzle (12, 25) being provided at the orifice of the mixing tube and a conduct for the secondary air running around the burner tip, characterized in that the mixing tube is formed by a flexible metal tube (8, 20) which has an annular ribbed interior in order to increase the mixing effect.

IPC 1-7

F23D 14/08; **F23D 14/64**; **F23C 5/00**

IPC 8 full level

F23C 5/00 (2006.01); **F23D 14/08** (2006.01); **F23D 14/64** (2006.01)

CPC (source: EP)

F23C 5/00 (2013.01); **F23D 14/085** (2013.01); **F23D 14/64** (2013.01)

Cited by

GB2529233A; GB2529233B; DE19708218C2; EP0863366A3; GB2540544A; GB2540544B; US10234138B2; US10578303B2; WO2016024006A1

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