

Title (en)  
Gas burner

Title (de)  
Gasbrenner

Title (fr)  
Brûleur à gaz

Publication  
**EP 2876369 A1 20150527 (EN)**

Application  
**EP 14194802 A 20141125**

Priority  
IT MI20131968 A 20131126

Abstract (en)  
A gas burner (1) for a boiler, comprises a combustion membrane (2) with a diffuser layer (3) in the shape of a three-dimensional shell forming an outer combustion surface (4) with at least one double-curvature region (5), wherein the combustion surface (4) comprises a first portion (6) formed by a perforated metal sheet, and a second portion (7) formed by a permeable fibre- or thread-based material.

IPC 8 full level  
**F23D 14/14** (2006.01)

CPC (source: EP)  
**F23D 14/145** (2013.01); **F23D 2203/1015** (2013.01); **F23D 2203/1017** (2013.01); **F23D 2203/102** (2013.01); **F23D 2203/103** (2013.01); **F23D 2203/106** (2013.01); **F23D 2212/103** (2013.01); **F23D 2212/201** (2013.01)

Citation (applicant)  
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Citation (search report)  
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• [Y] GB 1105757 A 19680313 - CALORIC INTERNAT INC  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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