

Title (en)  
Gas burner unit and cooking top

Title (de)  
Gasbrenner und Kochfeld

Title (fr)  
Brûleur à gaz et table de cuisson

Publication  
**EP 2505917 A1 20121003 (EN)**

Application  
**EP 11160680 A 20110331**

Priority  
EP 11160680 A 20110331

Abstract (en)  
A burner unit (7) for a gas stove (1) comprises a gas distribution chamber (16) able to be connected with a gas feeding system (30) of the stove (1), said gas distribution chamber (16) being covered through a burner plate (13) that defines gas outlet holes (14), an air distribution chamber (17) separate from the gas distribution chamber (16) and able to be connected to a forced ventilation group (11) of the stove (1), the air distribution chamber (17) being covered through an air diffuser (41) that at least partially defines one or more air outlet openings (36) spaced from the gas outlet openings (14).

IPC 8 full level  
**F23D 14/08** (2006.01); **F23L 5/02** (2006.01); **F23L 9/02** (2006.01); **F24C 3/08** (2006.01)

CPC (source: EP)  
**F23D 14/085** (2013.01); **F23L 5/02** (2013.01); **F23L 9/02** (2013.01); **F24C 3/085** (2013.01); **F24C 15/107** (2013.01); **F23D 2203/007** (2013.01)

Citation (applicant)  
EP 2072901 A1 20090624 - CANDY SPA [IT]

Citation (search report)  
• [XY] FR 2618881 A2 19890203 - MADEC MATER FRANCE [FR]  
• [YD] EP 2072901 A1 20090624 - CANDY SPA [IT]  
• [I] EP 0491580 A1 19920624 - GAZ DE FRANCE [FR]  
• [A] US 2298307 A 19421013 - PARKER CLAUDE E  
• [A] US 3260300 A 19660712 - LANNERT JAMES W, et al  
• [A] US 2521936 A 19500912 - MUELLER ERVIN H

Cited by  
CN106016435A; CN108426244A; EP2912383A4; WO2015150984A1

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)  
BA ME

DOCDB simple family (publication)  
**EP 2505917 A1 20121003; EP 2505917 B1 20180808**; ES 2694766 T3 20181227; TR 201816544 T4 20181121

DOCDB simple family (application)  
**EP 11160680 A 20110331**; ES 11160680 T 20110331; TR 201816544 T 20110331