

Title (en)  
BURNER AND GAS WATER HEATER

Title (de)  
BRENNER UND GASWASSERERHITZER

Title (fr)  
BRÛLEUR ET CHAUFFE-EAU À GAZ

Publication  
**EP 3896338 A1 20211020 (EN)**

Application  
**EP 19895866 A 20191210**

Priority  
• CN 201811508252 A 20181210  
• CN 2019124387 W 20191210

Abstract (en)  
Disclosed are a burner and a gas water heater. The burner includes a first burner row, an ignition needle and a first air baffle, where: the first burner row includes a first ejection channel and a first fire-breathing part and a first fire-breathing inlet located at two ends of the first ejection channel respectively; the ignition needle is located close to the first fire-breathing part; the first air baffle is located at the first fire-breathing inlet and defines a first air hole disposed corresponding to the first ejection inlet, and a radial dimension of the first air hole is smaller than a radial dimension of the first ejection inlet.

IPC 8 full level  
**F23D 14/72** (2006.01)

CPC (source: CN EP)  
**F23D 14/04** (2013.01 - CN); **F23D 14/045** (2013.01 - EP); **F23D 14/085** (2013.01 - EP); **F23D 14/10** (2013.01 - EP); **F23D 14/46** (2013.01 - CN); **F23D 14/64** (2013.01 - EP); **F23D 14/70** (2013.01 - CN EP); **F23D 14/72** (2013.01 - CN EP); **F23M 11/04** (2013.01 - CN); **F23N 5/10** (2013.01 - EP); **F23N 2227/00** (2020.01 - EP); **F23N 2231/06** (2020.01 - EP)

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 3896338 A1 20211020**; **EP 3896338 A4 20220216**; CN 111288445 A 20200616; WO 2020119689 A1 20200618

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