

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.

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F23D 14/72 (2006.01)

CPC (source: CN EP)
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