

Title (en)

BURNER EJECTION TUBE, BURNER, AND BURNER COOKER

Title (de)

AUSSTOSSROHR EINES BRENNERS, BRENNER UND BRENNERKOKHER

Title (fr)

TUBE D'ÉJECTION POUR BRÛLEUR, BRÛLEUR, ET CUISINIÈRE À BRÛLEUR

Publication

**EP 3604918 A4 20200916 (EN)**

Application

**EP 18913472 A 20181120**

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- CN 201810305826 A 20180404
- CN 201810305829 A 20180404
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- CN 201820484800 U 20180404
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- CN 201810305119 A 20180404
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Abstract (en)

[origin: EP3604918A1] Disclosed are an ejector, a burner, and a gas stove. The ejector includes a first base configured to connect a nozzle base, and a pipe body, a first end of which is communicated with the first base, and a second end is provided with a second base that is configured to connect a flame distributor. The first base defines an air ejecting hole. The air ejecting hole and the nozzle base are arranged at an interval, allowing air to enter the pipe body from the air ejecting hole when gas is ejected from the nozzle base.

IPC 8 full level

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Citation (search report)

- [XYI] US 3219098 A 19651123 - FULMER JOHN R
- [XI] EP 1489353 A1 20041222 - RINNAI KK [JP]
- [Y] DE 19637666 A1 19980326 - SCHOTT GLASWERKE [DE]
- See also references of WO 2019192185A1

Cited by

US11808448B2

Designated contracting state (EPC)

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BA ME

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