

Title (en)

Plastic made nozzle and its use in gas burners

Title (de)

Injektordüsen aus Kunststoff und deren Verwendung in Gasbrennern

Title (fr)

Buse en matières plastiques et son utilisation dans le domaine des brûleurs à gaz

Publication

EP 1703202 A1 20060920 (DE)

Application

EP 06002517 A 20060208

Priority

DE 102005007288 A 20050217

Abstract (en)

The injector jet (1), for an atmospheric gas burner, is of a flame protected thermoplastics. The gas flow zone is polygonal, a number of cylinder sections or an asymmetric shape to give a twist to the gas flow between the inflow (5) and gas outflow (6) on the jet axis (8). The jet shaft has zones with projections (2-4) to clip into the opening of the gas supply pipe.

IPC 8 full level

F23D 14/04 (2006.01); **F23D 14/48** (2006.01)

CPC (source: EP)

F23D 14/04 (2013.01); **F23D 14/48** (2013.01); **F23D 2212/00** (2013.01)

Citation (search report)

- [X] DE 20313716 U1 20031204 - VIESSMANN WERKE KG [DE]
- [X] DE 10157086 A1 20030605 - VIESSMANN WERKE KG [DE]
- [A] EP 1120604 A1 20010801 - VIESSMANN WERKE KG [DE]

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