

Title (en)
Improvements in or relating to burner tips.

Title (de)
Brennerdüsenspitze.

Title (fr)
Tête de buse pour brûleur.

Publication
EP 0145381 A2 19850619 (EN)

Application
EP 84308113 A 19841122

Priority
GB 8331127 A 19831122

Abstract (en)
The invention provides a gas burner tip A in the form of a cylindrical barrel (1) closed at its outer end except for an opening (8) in an end wall (5) that is oblique to the cylindrical surfaces. The cylindrical surface also contains a further opening (9), smaller than the opening (8). In a furnace burner, a plurality of similar tips A may be arranged uniformly disposed around a ring past which swirling air is directed. The tips are similarly orientated and the discharge of gas through them is effective to restrain aberrations in the swirl of the air. These tips may be interspersed with other similar tips orientated similarly to each other but differently orientated with respect to the first.

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CPC (source: EP)
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US6651645B1; JP2018040562A; AU643044B2; CN108758635A

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