

Title (en)

Liquid-fuel burner combustion head

Title (de)

Brennerkopf für Flüssigbrennstoffbrenner

Title (fr)

Tête de combustion pour brûleur à combustible liquide

Publication

EP 1705424 A1 20060927 (EN)

Application

EP 05425122 A 20050304

Priority

EP 05425122 A 20050304

Abstract (en)

A liquid-fuel burner combustion head (100) having, among other things, a cap (11) fixed to a cylindrical body (3) to divide a stream of primary air (A1) into at least three portions (A1r, A1sw, A1a). To do this, a number of equally spaced, calibrated, radial holes (12) are formed in a cylindrical surface (11bc) of the cap (11), and a number of equally spaced, inclined slots (13) are formed in an end surface (11bf) of the cap (11). An axial hole (14) is also formed in the end surface (11bf) of the cap (11), where the atomized liquid fuel comes out of a nozzle (2).

IPC 8 full level

F23D 11/10 (2006.01); **F23D 11/24** (2006.01); **F23D 11/40** (2006.01)

CPC (source: EP)

F23D 11/24 (2013.01); **F23D 11/408** (2013.01)

Citation (search report)

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