

Title (en)

Premix burner combustion head

Title (de)

Brennerkopf für einen Vormischbrenner

Title (fr)

Tête de brûleur pour un brûleur à prémélange

Publication

**EP 1538395 A1 20050608 (EN)**

Application

**EP 03425786 A 20031205**

Priority

EP 03425786 A 20031205

Abstract (en)

A combustion head (100) for premix burners. The head (100) has a cylindrical body (101) having a number of holes or openings (102), through which the fuel gas/combustion air mixture flows from an inner space (106) of the cylindrical body (101) to a combustion region (104) outside the cylindrical body (101). The combustion head (100) also has at least one partition (105a, 105b) for dividing the inner space (106) into a number of longitudinal sectors (106a, 106b, 106c, 106d). <IMAGE>

IPC 1-7

**F23D 14/70**; **F23D 14/10**

IPC 8 full level

**F23D 14/10** (2006.01); **F23D 14/70** (2006.01)

CPC (source: EP)

**F23D 14/105** (2013.01); **F23D 14/70** (2013.01); **F23D 2203/1012** (2013.01); **F23D 2203/102** (2013.01); **F23D 2210/00** (2013.01); **F23D 2900/00003** (2013.01)

Citation (search report)

- [X] DE 4318955 A1 19931202 - VAILLANT JOH GMBH & CO [DE]
- [X] US 2002056447 A1 20020516 - FOGLIANI GIUSEPPE [IT], et al
- [X] EP 0643264 A1 19950315 - FEV MOTORENTECH GMBH & CO KG [DE]
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DOCDB simple family (application)

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