

Title (en)

Device for operating an atmospheric gas burner

Title (de)

Vorrichtung zum Betreiben eines atmosphärischen Gasbrenners

Title (fr)

Dispositif pour actionner un brûleur atmosphérique à gaz

Publication

EP 0908670 B1 20040728 (DE)

Application

EP 98118621 A 19981001

Priority

- DE 19744082 A 19971006
- DE 19810750 A 19980312

Abstract (en)

[origin: EP0908670A1] An injector system for the mixture of gas and air is formed by a central nozzle and at least one peripheral nozzle in order to be able to break up the gas stream into several smaller streams in order to alter the air/gas ratio. The gas burner operating at atmospheric pressure is supplied with a homogeneous mixture of fuel and combustion air, where a gas stream dependent on the burner performance is injected into a mixer tube (14). This gas stream is divided into several smaller gas streams in order to change air intake characteristics, the creation of the smaller gas streams being dependent on the burner performance and/or type of gas being burnt. An Independent claim is also included for the above gas burner, containing an injector system consisting of a central nozzle (10) and at least one further peripheral nozzle (12a).

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