

Title (en)
Combustion apparatus.

Title (de)
Verbrennungsvorrichtung.

Title (fr)
Appareil de combustion.

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Application
EP 92105621 A 19890706

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Abstract (en)
A combustion apparatus comprises: a large-diameter sleeve-like element (1) forming an incoming passage (3) through which an air/fuel mixture gas flows in a predetermined direction; at least one small-diameter sleeve-like element (21) disposed in the incoming passage, which small-diameter sleeve-like element forms an outgoing passage (4) through which a combustion gas having been issued from the incoming passage flows in a direction counter to the above predetermined direction; an air/fuel mixing unit (15) for issuing the air/fuel mixture gas under a predetermined pressure to a main incoming port (5) located in an upstream side of the incoming passage; an auxiliary incoming unit (6) for issuing a combustion gas produced by a pilot burner (12) to the upstream side of the incoming passage prior to supplying the air/fuel mixture gas to the incoming passage; and a combustion-gas outlet port (7) for discharging the combustion gas having passed through the outgoing passage, which combustion-gas outlet port communicates with an outlet opening of the outgoing passage. <IMAGE>

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