

Title (en)

COMBUSTION DEVICE AND METHOD FOR BURNING A FUEL

Title (de)

VERBRENNUNGSVORRICHTUNG UND VERFAHREN ZUR VERBRENNUNG EINES BRENNSTOFFS

Title (fr)

DISPOSITIF DE COMBUSTION ET PROCEDE DE COMBUSTION D'UN COMBUSTIBLE

Publication

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Application

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Abstract (en)

[origin: WO0034714A1] The invention relates to a combustion device (1) for burning fuel (14), comprising a supply channel (5) for supplying a fuel (14) to a combustion area (11). The fuel (14) can be guided through the supply channel (5) in a stream of fluid (9) in a direction of flow (10) and at a nominal speed that lies within a nominal operating range. In a decoupling area (17), the supply channel (5) narrows to such an extent that the sound waves (15) running from the combustion area (11) in the fluid stream (9) against the direction of flow (10) are at least partially reflected at the nominal speed in said decoupling area (17).

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