

Title (en)
Afterburner.

Title (de)
Nachbrenner.

Title (fr)
Dispositif de post-combustion.

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Application
EP 92111347 A 19920703

Priority
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Abstract (en)
In an afterburner for a gas-turbine combustion chamber, a fuel supply (2, 3) arranged in a combustion chamber wall (1) is surrounded by an annular air duct (4). The air duct (4) communicates via at least one supply pipe (5) with a Helmholtz resonator (6) which is flowed through. The outlet of the damping pipe (7), designed as an annular duct, of the Helmholtz resonator is situated in the region of the burner mouth (8) into the afterburning space (9). <IMAGE>

Abstract (de)
Bei einem Nachbrenner für eine Gasturbinenbrennkammer ist eine in einer Brennkammerwand (1) angeordnete Brennstoffzuführung (2, 3) von einem ringförmigen Luftkanal (4) umschlossen. Der Luftkanal (4) kommuniziert über mindestens ein Zuführrohr (5) mit einem durchströmtem Helmholtzresonator (6). Der Austritt des als Ringkanal ausgebildeten Dämpfungsrohres (7) des Helmholtzresonators befindet sich im Bereich der Brennermündung (8) in den Nachbrennraum (9). <IMAGE>

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