

Title (en)
Combustion system of a flow engine comprising a resonator

Title (de)
Verbrennungssystem einer Strömungsmaschine

Title (fr)
Système de combustion d'un moteur d'écoulement

Publication
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Application
EP 13165158 A 20130424

Priority
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Abstract (en)
The present invention relates to a combustion system of a flow engine comprising at least one combustion chamber, a shared manifold (18) to feed a flow medium via at least two injectors to the at least one combustion chamber and at least one resonator (20) with at least one resonator cavity (22), wherein the at least one resonator (20) is arranged functionally in/at the manifold (18). To obtain good combustion performance with a homogenous fuel flow rate and high combustion stability, it is provided that the resonator (20) comprises at least one perforated section (24) with at least two orifices (26), wherein the at least two orifices (26) provide access to the at least one resonator cavity (22) of the at least one resonator (20) .

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Citation (applicant)
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