

Title (en)
OXYCOMBUSTION CHAMBER

Title (de)
SAUERSTOFFVERBRENNUNGSRAUM

Title (fr)
CHAMBRE D'OXY-COMBUSTION

Publication
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Application
EP 09784274 A 20090716

Priority
• FR 2009000875 W 20090716
• FR 0804606 A 20080813

Abstract (en)
[origin: WO2010018315A1] The invention relates to a combustion chamber that comprises a housing (1) including at least one fuel-injection means (2), at least one oxidant-injection means (3), and at least one means (5) for drawing the combustion fumes, wherein the housing (1) is in the shape of a tube having any cross-section and which is recurved and closed, while the fuel- (2) and oxidant- (3) injection means are provided on the housing (1) so as to be offset by an angle θ defined by each of the fuel- and oxidant-injection positions relative to the centre (C) of the housing, said angle being between 10° and 90° , and wherein the oxidant-injection means is a means for injecting an oxidant consisting of a gas having an oxygen content higher than 90%.

IPC 8 full level
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Citation (search report)
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