

Title (en)
SEQUENTIAL COMBUSTOR FOR A GAS TURBINE, METHOD FOR OPERATING THIS SEQUENTIAL COMBUSTOR AND METHOD FOR
REFURBISHMENT A SEQUENTIAL COMBUSTOR OF A GAS TURBINE

Title (de)
SEQUENZIELLE BRENNKAMMER FÜR EINE GASTURBINE, VERFAHREN ZUM BETRIEB DIESER SEQUENZIELLEN BRENNKAMMER UND
VERFAHREN ZUR UMRÜSTUNG SEQUENZIELLEN BRENNKAMMER EINER GASTURBINE

Title (fr)
CHAMBRE DE COMBUSTION SÉQUENTIELLE POUR TURBINE À GAZ, PROCÉDÉ DE FONCTIONNEMENT DE LADITE CHAMBRE DE
COMBUSTION SÉQUENTIELLE ET PROCÉDÉ DE REMISE À NEUF D'UNE CHAMBRE DE COMBUSTION SÉQUENTIELLE D'UNE TURBINE À
GAZ

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Application
EP 19160086 A 20190228

Priority
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Abstract (en)
A sequential combustor for a gas turbine ; the sequential combustor comprising:- a first combustor provided with a plurality of first burners fed by compressed air and configured for injecting fuel in the compressed air in a diffusion mode and in a premix mode, each first burners comprises at least a gas fuel nozzle fed by a gas fuel line and at least a liquid fuel nozzle fed by a liquid fuel line;- a second combustor provided with a plurality of second burners fed by hot gas leaving the first combustor and configured for injecting fuel in the hot gas;wherein the combustor moreover comprises a fluidly connection configured for selectively connecting the gas fuel line and the liquid fuel line for allowing part of gas fuel running in the gas fuel line to enter in the liquid fuel line and to be injected by the liquid fuel nozzle.

IPC 8 full level
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Citation (search report)
• [YA] EP 2090830 A1 20090819 - ALSTOM TECHNOLOGY LTD [CH]
• [Y] EP 0506069 A1 19920930 - UNION CARBIDE CHEM PLASTIC [US]
• [A] EP 2767699 A1 20140820 - ALSTOM TECHNOLOGY LTD [CH]

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