

Title (en)
SEQUENTIAL COMBUSTOR ASSEMBLY FOR A GAS TURBINE ASSEMBLY

Title (de)
SEQUENZIELLE BRENNKAMMERANORDNUNG FÜR EINE GASTURBINENANORDNUNG

Title (fr)
ENSEMBLE DE CHAMBRE DE COMBUSTION SÉQUENTIELLE POUR UN ENSEMBLE DE TURBINES À GAZ

Publication
EP 3438530 A1 20190206 (EN)

Application
EP 17184122 A 20170731

Priority
EP 17184122 A 20170731

Abstract (en)
A sequential combustor assembly for a gas turbine assembly (1) is provided with a first stage combustor (8); with a second stage combustor (9) arranged downstream the first stage combustor (8) along the gas flow; with a mixer (11) arranged between the first stage combustor (8) and the second stage combustor (9); and with a lance (19) arranged along said main axis (B) and extending through the first stage combustor (8), through the mixer (11) and at least partially through the second stage combustor (9); the lance (19) comprising at least one first air channel (21); the lance (19) comprising an inlet portion (22) housed in the first stage combustor (8), a middle portion (23) housed in the mixer (11) and an outlet portion (24) housed in the second stage combustor (9); the lance (19) being provided with at least one first air outlet (28; 30, 31, 32) along the middle portion (23).

IPC 8 full level
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CPC (source: CN EP)
F23C 6/00 (2013.01 - EP); **F23C 6/042** (2013.01 - EP); **F23R 3/06** (2013.01 - EP); **F23R 3/16** (2013.01 - EP); **F23R 3/346** (2013.01 - CN EP); **F23R 2900/03341** (2013.01 - EP)

Citation (search report)
• [XII] EP 3015771 A1 20160504 - ALSTOM TECHNOLOGY LTD [CH]
• [XII] EP 3015772 A1 20160504 - ALSTOM TECHNOLOGY LTD [CH]

Designated contracting state (EPC)
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