

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  
**F23C 6/00** (2006.01); **F23C 6/04** (2006.01); **F23R 3/06** (2006.01); **F23R 3/16** (2006.01); **F23R 3/34** (2006.01)

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)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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