

Title (en)
Gas Turbine

Title (de)
Gasturbine

Title (fr)
Turbine à gaz

Publication
EP 2728258 A1 20140507 (EN)

Application
EP 12191049 A 20121102

Priority
EP 12191049 A 20121102

Abstract (en)
A gas turbine (30) comprises a compressor, a first combustor downstream of said compressor, a first turbine, a second combustor (15, 15a) downstream of said first turbine, and a second turbine (16) downstream of said second combustor (15, 15a), whereby said second combustor (15, 15a) comprises a plurality of burners (15) having a mixing section (32), which opens downstream into a wider combustion chamber (24). The emissions of the gas turbine are improved by providing a continuous transition between the mixing section (32) and the combustion chamber (24).

IPC 8 full level
F23R 3/00 (2006.01); **F23R 3/34** (2006.01)

CPC (source: EP)
F23R 3/002 (2013.01); **F23R 3/346** (2013.01); **F23R 2900/03341** (2013.01)

Citation (applicant)
• EP 2169314 A2 20100331 - ALSTOM TECHNOLOGY LTD [CH]
• EP 2423599 A2 20120229 - ALSTOM TECHNOLOGY LTD [CH]

Citation (search report)
• [X] US 2002187448 A1 20021212 - EROGLU ADNAN [CH], et al
• [A] EP 0623786 A1 19941109 - ABB MANAGEMENT AG [CH]
• [A] US 2011030375 A1 20110210 - BUNKER RONALD SCOTT [US]
• [AD] EP 2423599 A2 20120229 - ALSTOM TECHNOLOGY LTD [CH]

Cited by
US11174792B2; US11156164B2

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

Designated extension state (EPC)
BA ME

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