

Title (en)  
GAS TURBINE AND METHOD FOR RETROFITTING SAME

Title (de)  
GASTURBINE UND VERFAHREN ZUR NACHRÜSTUNG DAVON

Title (fr)  
TURBINE À GAZ ET SON PROCÉDÉ DE REMISE À NEUF

Publication  
**EP 3543610 A1 20190925 (EN)**

Application  
**EP 18425016 A 20180323**

Priority  
EP 18425016 A 20180323

Abstract (en)  
A gas turbine (1) has a compressor (2), a plenum (5) connected to the compressor (2), a combustion chamber (3) with a combustor (7) having a front plate (8) and burners (9) connected to the front plate (8). The front plate (8) and the burners (9) are at least partially housed in the plenum (5). The gas turbine comprises a damper (10) connected to the front plate (8) and housed in the plenum (5). The damper (10) has a chamber (11) tailored to the space available between adjacent burners: (9). The disclosure also refers to a method for retrofitting gas turbines.

IPC 8 full level  
**F23R 3/10** (2006.01)

CPC (source: CN EP)  
**F23R 3/00** (2013.01 - CN); **F23R 3/10** (2013.01 - EP); **F23R 3/50** (2013.01 - EP); **F23R 2900/00014** (2013.01 - CN EP)

Citation (search report)

- [XII] DE 102015218677 A1 20170330 - SIEMENS AG [DE]
- [XII] US 2017082287 A1 20170323 - BECK CHRISTIAN [DE], et al
- [X] US 2013062425 A1 20130314 - BELSOM KEITH C [US], et al

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

DOCDB simple family (publication)  
**EP 3543610 A1 20190925; EP 3543610 B1 20210505**; CN 110296440 A 20191001; CN 110296440 B 20220708; RU 2019108054 A 20200922

DOCDB simple family (application)  
**EP 18425016 A 20180323**; CN 201910221387 A 20190322; RU 2019108054 A 20190321