

Title (en)

DAMPER FOR A COMBUSTOR ASSEMBLY OF A GAS TURBINE POWER PLANT AND COMBUSTOR ASSEMBLY COMPRISING SAID DAMPER

Title (de)

DÄMPFER FÜR EINE BRENNKAMMERANORDNUNG EINES GASTURBINENKRAFTWERKS UND BRENNKAMMERANORDNUNG MIT DEM DÄMPFER

Title (fr)

ABSORBEUR ACCOUSTIQUE POUR UN ENSEMBLE DE CHAMBRE DE COMBUSTION D'UNE CENTRALE ÉLECTRIQUE À TURBINE À GAZ ET ENSEMBLE DE CHAMBRE DE COMBUSTION COMPORTANT CET AMORTISSEUR

Publication

EP 3663548 A1 20200610 (EN)

Application

EP 18210858 A 20181206

Priority

EP 18210858 A 20181206

Abstract (en)

A damper for a combustor assembly (3) of a gas turbine plant I provided with a first damper body (31), which defines at least one first damping volume (35) and comprises at least one opening (36); with a neck (33) coupled to the opening (36) of the first damper body (31) and configured for fluidly connecting the first damping volume (35) with a combustion chamber (15; 14) of the combustor assembly (3); and with a second damper body (34), which extends, at least in part, about at least a portion of the neck (33) and defines at least one second damping volume (44); the second damper body (34) comprising at least one opening (45) fluidly connecting the second damping volume (44) to the combustion chamber (15;14) of the combustor assembly (3).

IPC 8 full level

F01N 1/02 (2006.01)

CPC (source: CN EP)

F01N 1/023 (2013.01 - EP); **F23R 3/42** (2013.01 - CN); **F23R 3/346** (2013.01 - EP); **F23R 2900/00014** (2013.01 - EP); **F23R 2900/03341** (2013.01 - EP)

Citation (search report)

- [X] EP 2397761 A1 20111221 - ALSTOM TECHNOLOGY LTD [CH]
- [XYI] EP 2397759 A1 20111221 - ALSTOM TECHNOLOGY LTD [CH]
- [XA] US 2018156460 A1 20180607 - THEUER ANDRE [CH], et al
- [Y] EP 2837883 A1 20150218 - ALSTOM TECHNOLOGY LTD [CH]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3663548 A1 20200610; **EP 3663548 B1 20220525**; CN 111288492 A 20200616; CN 111288492 B 20221108

DOCDB simple family (application)

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