

Title (en)
Afterburner

Title (de)
Nachbrenner

Title (fr)
Dispositif de post-combustion

Publication
EP 0577862 B1 19970312 (DE)

Application
EP 92111347 A 19920703

Priority
EP 92111347 A 19920703

Abstract (en)
[origin: EP0577862A1] In an afterburner for a gas-turbine combustion chamber, a fuel supply (2, 3) arranged in a combustion chamber wall (1) is surrounded by an annular air duct (4). The air duct (4) communicates via at least one supply pipe (5) with a Helmholtz resonator (6) which is flowed through. The outlet of the damping pipe (7), designed as an annular duct, of the Helmholtz resonator is situated in the region of the burner mouth (8) into the afterburning space (9). <IMAGE>

IPC 1-7
F23M 13/00; **F23R 3/28**

IPC 8 full level
F23D 11/00 (2006.01); **F23D 14/22** (2006.01); **F23D 17/00** (2006.01); **F23M 20/00** (2014.01); **F23R 3/28** (2006.01)

CPC (source: EP KR US)
F23M 20/005 (2015.01 - EP US); **F23R 3/28** (2013.01 - EP KR US); **F05B 2260/96** (2013.01 - EP US); **F05D 2240/35** (2013.01 - KR); **F23R 2900/00014** (2013.01 - EP KR US); **F23R 2900/03341** (2013.01 - EP KR US)

Cited by
EP2187125A1; EP2642203A1; CN104204675A; KR100905254B1; EP1342953A1; CN1320314C; EP3306197A1; EP3438540A1; US9022726B2; US9618206B2; US7246493B2; WO2014131876A1; WO2019025094A1; WO2013139813A1; WO03074936A1; US10753615B2; US11204166B2; EP2474784A1; WO2012093011A1; US8869533B2; EP2400115B1

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