

Title (en)

Device for directed noise attenuation in a turbomachine

Title (de)

Vorrichtung zur gezielten Schalldämpfung innerhalb einer Strömungsmaschine

Title (fr)

Dispositif d'atténuation adaptée de bruit dans une turbomachine

Publication

EP 0974788 B1 20141126 (DE)

Application

EP 98810714 A 19980723

Priority

EP 98810714 A 19980723

Abstract (en)

[origin: EP0974788A1] Inside the Helmholtz resonator volume (3) an injection nozzle (5) atomizes water into the finest liquid droplets. The water/air mixture (5') formed ahead of the flow channel (2), passes into it (and on into the combustor).

IPC 8 full level

F23R 3/02 (2006.01); **F23M 20/00** (2014.01)

CPC (source: EP)

F23M 20/005 (2015.01); **F23R 3/02** (2013.01); **F05B 2260/96** (2013.01); **F23R 2900/00014** (2013.01)

Cited by

EP1557609A1; EP2474784A1; EP2378199A1; WO2011128158A1; WO2012093011A1; CN103032898A; US6634457B2; CN102356278A; EP1434006A3; EP1762786A1; CN102822601A; EP1004823A3; EP2397759A1; EP2397761A1; US8727070B2; US8789372B2; US8966903B2; US9341375B2; US8919128B2; WO2007031376A1; US6705428B2; US9279586B2; US6370879B1; US8869533B2

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