

Title (en)  
SILENCED TURBO-MACHINE

Publication  
**EP 0039459 B1 19831005 (DE)**

Application  
**EP 81103122 A 19810425**

Priority  
US 8000466 W 19800428

Abstract (en)  
[origin: EP0039459A1] A method and apparatus for reducing unwanted pressure impulses in fluid moving devices comprising at least one resonator means (30) for selectively reducing part of the device's blade passing tone, said resonator means being positioned at the point of smallest separation between the casing (12) and the impeller (14).

IPC 1-7  
**F04D 29/66**; **G10K 11/16**

IPC 8 full level  
**F04D 29/66** (2006.01); **G10K 11/172** (2006.01)

CPC (source: EP)  
**F04D 29/665** (2013.01); **G10K 11/172** (2013.01)

Cited by  
WO2022156929A1; FR2523658A1; EP0594626A4; CN108506231A; DE10058688B4; CN109654067A; EP0638728A1; CN1071424C;  
EP0573895A1; DE10143686B4; EP0466983A1; CN108087340A; FR2856442A1; EP0703368A3; DE19818873A1; DE19818873C2;  
EP1714039A4; FR2780454A1; DE19818874A1; DE19818874C2; US10393384B2; US6379110B1; WO2005073561A1; US6546729B2;  
WO9215088A1; WO0050302A1; WO8911596A1; US6568904B1; US6749397B2; JP2007535632A; DE102011120347A1; US12037975B2;  
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DOCDB simple family (publication)  
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