

Title (en)  
Compressible Fluid Discharge Muffler

Title (de)  
Zusammendrückbare Flüssigkeitsausgabedüse

Title (fr)  
Silencieux d'évacuation de liquides compressible

Publication  
**EP 2392823 A2 20111207 (EN)**

Application  
**EP 11168343 A 20110601**

Priority  
• US 35022610 P 20100601  
• US 201113117560 A 20110527

Abstract (en)  
A noise reduction device including a tubular body having an open first end, a second end opposite the first end, and a cavity located between the first end and the second end. The second end of the tubular body being disposed opposite the first end. The second end has at least one opening with a diameter smaller than the diameter of the opening in the first end.

IPC 8 full level  
**F04B 35/06** (2006.01); **F04B 39/00** (2006.01); **F04B 41/02** (2006.01)

CPC (source: EP US)  
**F04B 35/06** (2013.01 - EP US); **F04B 39/0055** (2013.01 - EP US); **F04B 39/0061** (2013.01 - EP US); **F04B 39/0072** (2013.01 - EP US); **F04B 41/02** (2013.01 - EP US); **Y10T 29/49398** (2015.01 - EP US); **Y10T 137/86035** (2015.04 - EP US)

Cited by  
US11204022B2; US12060872B2

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)  
**US 2011290354 A1 20111201**; CA 2741264 A1 20111201; CN 102312819 A 20120111; CN 102312819 B 20170301; EP 2392823 A2 20111207; EP 2392823 A3 20170308

DOCDB simple family (application)  
**US 201113117560 A 20110527**; CA 2741264 A 20110530; CN 201110226308 A 20110601; EP 11168343 A 20110601