

Title (en)
MODULAR SILENCER

Title (de)
MODULARAUFGEBAUTER SCHALLDÄMPFER

Title (fr)
SILENCIEUX MODULAIRE

Publication
EP 0995018 A4 20000719 (EN)

Application
EP 98932937 A 19980629

Priority
• US 9813451 W 19980629
• US 88847997 A 19970707

Abstract (en)
[origin: WO9902826A1] A modular silencer (30) is formed by drawn pots (44, 46) as building blocks in various constructions, components, and methods. Various internal axial, lateral and reversing paths are provided together with multiple compartments and enclosures. Simplified assembly and insulation installation techniques are provided.

IPC 1-7
F01N 7/18; **F01N 1/08**

IPC 8 full level
F01N 1/04 (2006.01); **F01N 1/08** (2006.01); **F01N 1/14** (2006.01); **F01N 3/28** (2006.01); **F01N 13/18** (2010.01)

CPC (source: EP)
F01N 1/04 (2013.01); **F01N 1/08** (2013.01); **F01N 1/085** (2013.01); **F01N 1/086** (2013.01); **F01N 1/089** (2013.01); **F01N 1/14** (2013.01); **F01N 3/2885** (2013.01); **F01N 13/18** (2013.01); **F01N 13/1838** (2013.01); **F01N 13/1894** (2013.01); **F01N 2240/10** (2013.01); **F01N 2330/08** (2013.01); **F01N 2450/06** (2013.01); **F01N 2450/20** (2013.01); **F01N 2450/22** (2013.01); **F01N 2470/16** (2013.01); **F01N 2470/18** (2013.01); **F01N 2470/26** (2013.01); **F01N 2470/30** (2013.01); **F01N 2490/04** (2013.01); **F01N 2490/06** (2013.01); **F01N 2490/155** (2013.01); **F01N 2490/16** (2013.01)

Citation (search report)
• [DY] US 5020631 A 19910604 - DEVILLE PAUL [FR]
• [Y] US 4352408 A 19821005 - HARDT JEAN, et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 03 29 March 1996 (1996-03-29)
• See references of WO 9902826A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9902826 A1 19990121; AU 8271798 A 19990208; DE 69804800 D1 20020516; DE 69804800 T2 20020822; EP 0995018 A1 20000426; EP 0995018 A4 20000719; EP 0995018 B1 20020410

DOCDB simple family (application)
US 9813451 W 19980629; AU 8271798 A 19980629; DE 69804800 T 19980629; EP 98932937 A 19980629