

Title (en)

AIR INTAKE SILENCER ASSEMBLY

Title (de)

LUFTEINLASS-SCHALLDÄMPFERBAUGRUPPE

Title (fr)

ENSEMBLE SILENCIEUX D'ADMISSION D'AIR

Publication

EP 1888884 A1 20080220 (EN)

Application

EP 06772131 A 20060605

Priority

- US 2006021711 W 20060605
- US 68773905 P 20050606

Abstract (en)

[origin: US2006272888A1] An air intake silencer assembly at the intake of an air handling system includes a plenum housing having an inlet end for receiving air and having an outlet port for discharging air. Two baffle panels in spaced relation in the housing define, with the housing, an inlet chamber, a central chamber, and a discharge chamber. A plurality of tubular members is supported by the baffle panels and each includes a perforated core and a sound dissipating fiber wrapping. Air flows into the inlet chamber, through the plurality of tubular members to the discharge chamber, and is discharged from the discharge chamber through the outlet port.

IPC 8 full level

F01N 1/04 (2006.01)

CPC (source: EP US)

F01N 1/04 (2013.01 - EP US); **F02M 35/1211** (2013.01 - EP US); **F02M 35/1227** (2013.01 - EP US); **F02M 35/1272** (2013.01 - EP US)

Citation (search report)

See references of WO 2006133078A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

US 2006272888 A1 20061207; CN 101189415 A 20080528; CN 101189415 B 20120613; EP 1888884 A1 20080220; WO 2006133078 A1 20061214

DOCDB simple family (application)

US 42224806 A 20060605; CN 200680019767 A 20060605; EP 06772131 A 20060605; US 2006021711 W 20060605