

Title (en)

Flapper finger valve

Title (de)

Fingerförmiges Klappenventil

Title (fr)

Vanne à clapet en forme de doigt

Publication

**EP 1568862 B1 20061004 (EN)**

Application

**EP 05011547 A 20031023**

Priority

- EP 03256721 A 20031023
- US 42082502 P 20021024
- US 69013003 A 20031021

Abstract (en)

[origin: EP1568862A2] A flapper finger valve assembly for use in an exhaust system. The flapper finger valve assembly includes a tube (24) having a plurality of orifices (22) therethrough. The flapper finger valve (12) assembly also includes a plurality of flapper finger valves (12) generally having a C-shape wherein the flapper finger valves (12) are arranged on an outside surface of the tube (24). The flapper finger valves (12) are capable of radial movement with respect to the tube (24). A plurality of retainers (28) generally having a C-shape are arranged around the flapper finger valve (12). These retainers will define a maximum radial movement for such flapper finger valves (12) on the tube (24). The flapper finger valve assembly also includes a fastener (36) which will secure the flapper finger valves (12) between a tube (24) and retainers (36) in the flapper finger valve assembly. <IMAGE>

IPC 8 full level

**F01N 1/16** (2006.01); **F01N 1/08** (2006.01)

CPC (source: EP)

**F01N 1/08** (2013.01); **F01N 1/165** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1568862 A2 20050831; EP 1568862 A3 20050907; EP 1568862 B1 20061004**

DOCDB simple family (application)

**EP 05011547 A 20031023**