

Title (en)

A device having a pulsation reducing structure and a passage forming body

Title (de)

Vorrichtung mit einem Druckpulsationsdämpfer und einen Durchgang bildendes Gehäuse

Title (fr)

Dispositif comportant une structure d'atténuation de pulsations et un corps formant un passage

Publication

**EP 1491769 B1 20060816 (EN)**

Application

**EP 04014847 A 20040624**

Priority

JP 2003184113 A 20030627

Abstract (en)

[origin: EP1491769A1] The device has combined passage located upstream or downstream of a discharge chamber (32). The combined passage has restricting and a pressure restoring passages, connected in series. The pressure restoring passage is located in downstream of the restricting passage relative to flowing direction of gas. The chamber is located between a pulsation source, and the combined passage in a gas passage. The pulsation source is formed by a fixed scroll, movable scroll and sealed spaces. An independent claim is also included for a piston type compressor.

IPC 8 full level

**F04C 29/06** (2006.01); **F04B 27/08** (2006.01); **F04B 27/10** (2006.01); **F04B 39/00** (2006.01)

CPC (source: EP US)

**F04B 27/1081** (2013.01 - EP US); **F04B 39/0055** (2013.01 - EP US); **F04C 29/068** (2013.01 - EP US)

Cited by

EP1707815A1; EP1707814A1; EP3214313A1; BE1021301B1; EP3859158A1; WO2015031961A3

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

**EP 1491769 A1 20041229**; **EP 1491769 B1 20060816**; DE 602004001929 D1 20060928; DE 602004001929 T2 20070301; JP 2005016454 A 20050120; US 2005002800 A1 20050106

DOCDB simple family (application)

**EP 04014847 A 20040624**; DE 602004001929 T 20040624; JP 2003184113 A 20030627; US 87766404 A 20040624