

Title (en)
Liquid ring gas pump

Title (de)
Flüssigkeitsringgaspumpe

Title (fr)
Pompe à gaz à anneau liquide

Publication
EP 1477681 B1 20060823 (DE)

Application
EP 03011218 A 20030516

Priority
EP 03011218 A 20030516

Abstract (en)
[origin: EP1477681A1] The fluid ring gas pump has a housing section (5) to take one or two working zones (16), as a radial shrouding around them. Each zone has a vane wheel (1) on an eccentric mounting. Two further housing sections (4) flank the first housing section and the pump on both sides, with channels or chambers for the inflow and outflow of the carrier gas. The working zones are defined axially on both sides by control disks (2,3). The first housing section is a one-piece unit, with a connecting channel (7) to link the side housing sections together. The openings at the center housing section are set so that the side housing sections are of an identical design.

IPC 8 full level
F04C 19/00 (2006.01); **F01C 21/10** (2006.01)

CPC (source: EP US)
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