

Title (en)
GAS BEARING

Title (de)
GASLAGER

Title (fr)
PALIER A GAZ

Publication
EP 1948948 A1 20080730 (DE)

Application
EP 06807142 A 20061011

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• EP 2006067265 W 20061011
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Abstract (en)
[origin: WO2007054414A1] Prior art discloses gas bearings, which use a stream of gas to support a piston. This is achieved by micro-nozzles in the cylinder wall of a cylindrical element. Micro-nozzles of this type are susceptible to dirt retention. According to the invention, channels (11, 12) that run parallel with the cylinder axis are provided on the inner face of the base element, some of the channels (11) supplying gas via the compression chamber and the other channels (12) being connected to the gas reservoir.

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See references of WO 2007054414A1

Citation (examination)
US 2660484 A 19531124 - PAUL GERARD, et al

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