Title (en)

MOTIVATING FLUID VACUUM PUMP

Title (de)

TREIBMITTEL-VAKUUMPUMPE

Title (fr)

POMPE A FLUIDE MOTEUR

Publication

EP 1805420 A1 20070711 (DE)

Application

EP 05803340 A 20051031

Priority

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Abstract (en)

[origin: WO2006045634A1] The invention relates to a motivating fluid vacuum pump used in microsystems technology, comprising an evaporator chamber and a pump chamber that are separated by a nozzle arrangement. The design of the motivating fluid vacuum pump is improved by: a planar arrangement of at least one nozzle, which vertically extends into the depth and which is situated between two, in particular, parallel plates, these plates closing the evaporator chamber and the pump chamber; an opening in the pump chamber, preferably above the nozzle arrangement, for drawing in a medium to be pumped, and; an opening for expulsing a preferably compressed gas underneath the nozzle arrangement.

IPC 8 full level

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CPC (source: EP)

F04B 19/006 (2013.01); **F04F 5/20** (2013.01); **F04F 5/46** (2013.01); **F04F 9/00** (2013.01)

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