

Title (en)
Diaphragm type vacuum pump

Title (de)
Membranvakuumpumpe

Title (fr)
Pompe à vide de type diaphragme

Publication
EP 1900942 B1 20090311 (EN)

Application
EP 07116000 A 20070910

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Abstract (en)
[origin: EP1900942A1] The present invention relates to a diaphragm type vacuum pump that is compact in size and manufactured at low cost and includes an inclined pin 13 that is radially spaced at a predetermined distance from the rotational center of a motor 1 and turns around the rotational center, a rolling plate 9 that is connected with the inclined pin 13 and eccentrically shakes up and down, and a three-point diaphragm 10 that is combined with the rolling plate 9 and changes the internal volume by eccentrically shaking up and down, in which vacuum pumping is applied by repeating intake and exhaust of air according to changes in the internal volume of the three-point diaphragm 10.

IPC 8 full level
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CPC (source: EP US)
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Cited by
CN108324142A; CN110856594A; CN107752751A; DE102015113724B4

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